

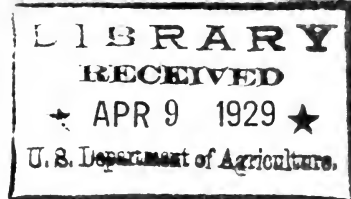
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6291

SPRING  
1929



**TACOMA  
SEED  
CO.**

**805 PACIFIC AVE.  
TACOMA, WASHINGTON**

D. N. Shoemaker  
Vegetable Seed Trials  
APR 9 1929

Spring  
1929



Catalog  
1929

In presenting this catalogue we are at all times conscious of the fact that "Good Seeds" are what our customers and friends must secure to bring about the best results. With this in mind, we buy only from the best growers whose reputations in their various lines are beyond question, and offer our goods to you in confidence. We appreciate sincerely the support given us in the past and hope we will have the pleasure of serving you again this spring and summer season.

TACOMA SEED COMPANY,  
Fred H. Rowe & Son.

Fall Catalogue of Holland and Domestic Bulbs, Seed and Plants will be ready October 1st.

ASK FOR COPY

## FIELD SEEDS

### CLOVERS, GRASSES AND GRAIN SEEDS

**CLOVERS**—Red, Mammoth Red, Alsike, Crimson, Sweet (white blossom), Hubam, Alfalfa.

**GRASSES**—Timothy, Kentucky Blue, Red Top, Canadian Blue, Pacey's Rye, English Rye, Italian Rye, Orchard, Meadow Fescue.

**GRAIN SEEDS**—Oats, Wheat, Barley, Vetch (Fall or Common), Common Seed Rye, Rosen Rye, Field Peas.

PHONE OR WRITE FOR PRICES

## SPRATT'S DOG FOODS AND REMEDIES

Spratt's Dog Cakes, Kibbled .....	1 lb., 18c; 2 lbs., 35c; 5 lbs., 75c
Spratt's Dog Cakes, carton .....	40c
Spratt's Puppy Cakes, carton .....	45c
Spratt's Fibo, carton .....	45c
Spratt's Oval Biscuits, carton .....	45c

Regular Dog Cakes can be supplied in 25-lb., 50-lb., or 100-lb. boxes.

Kibbled Dog Cakes can be supplied in 25-lb., 50-lb. or 100-lb. bags.

ASK FOR PRICES

Spratt's Cat Food, plain, with fish or with milk, carton .....	30c
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We carry a complete line of Spratt's Dog Medicines and Remedies, Cat Medicines, Soaps and Dips.

### BIRD FOODS AND SUPPLIES

Spratt's Egg Flake and Fruit Bird Mixtures, carton .....	25c
Spratt's Song Restorer .....	25c
Spratt's Cod Liver Oil and Cage Nestling Food .....	15c
Spratt's Bird Tonic .....	15c
Adelphia Bird Seed, bulk, a high class mixture having no hemp .....	1 lb., 15c; 2 lbs. 25c
Canary Seed (straight) .....	1 lb., 15c; 2 lbs., 25c
Rape Seed .....	1 lb., 15c; 2 lbs., 25c
Millet, Yellow or Red .....	1 lb., 15c; 2 lbs., 25c
Hemp .....	1 lb., 15c 2 lbs., 25c
Spratt's Sing Song .....	Each, 15c; 6 for 75c; 12 for \$1.45

Cuttle Bone, Wire and Wicker Nests, Nesting Hair, etc.

Ask for book, "Care and Feeding of Dogs," by Spratt's (free).

**Disclaimer Notice**—The Tacoma Seed Co. gives no warranty, express or implied as to the description, purity, productiveness or any other matter of any seeds, bulbs or plants it sells and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

# Vegetable Seeds

## BEANS

Package, 10c. Pound 40c, Except Where  
Priced. Postage additional.

### Dwarf, Wax or Yellow Podded Varieties

**Cultural Directions:** Beans are very sensitive to cold and wet and should not be planted until the ground has become warm and dry. Drop the seed about three inches apart in drills, two to three feet apart and cover about one and one-half inches deep. For succession, sow at intervals of about two weeks until the last of July. One pound of seed is sufficient for about one hundred feet of drill.

#### DAVIS WHITE KIDNEY WAX

The finest yellow podded bush bean. It is very early; the plant is hardy and produces an abundant crop of long, straight, waxy white pods, six to seven inches in length, very attractive and of splendid quality. The dried beans are pure white and are excellent for baking.

#### GOLDEN WAX

An old standard variety, and one of the earliest and best. The pods are of medium length, slightly curved, broad, flat, and of golden yellow color.

#### PENCIL POD BLACK WAX

A very handsome black wax yellow podded sort. Medium early, fairly hardy and productive; the pods are long, straight, round, fleshy, tender, stringless, and are produced through a long season.

### Dwarf Green Podded

**Cultural Directions:** Same as the Dwarf, Wax or Yellow Podded varieties.

#### BURPEE'S STRINGLESS GREEN POD

A splendid dwarf, green podded variety for either the home garden or market. The plants are large and productive. The pods are five to six inches long, cylindrical, fleshy and of fine quality.

#### BLACK VALENTINE

A very hardy and productive green podded bean, popular with market gardeners. The plants are very productive.

#### DWARF HORTICULTURAL

One of the best dwarf or green shell beans for home and market, and may be used early as a green podded snap bean.

#### REFUGEE OR THOUSAND TO ONE

A standard and very productive variety, highly esteemed for late planting for snaps and for shipping, canning and pickling. The pods are cylindrical and five to six inches long.

#### EARLY REFUGEE

An excellent green podded snap bean for early market. Stands shipment well. Similar to Refugee or Thousand to One except that it is much earlier.

#### RED VALENTINE

Extra early, hardy and vigorous. Very dependable, even under adverse conditions, tender and of good flavor.

#### BURPEE'S DWARF LIMA

The earliest and best of the Dwarf Lima Beans, and the most suitable of the Limas for this locality.

#### BROAD WINDSOR

A broad, flat bean, similar to the Lima in shape, but the color is brown. They are considered a great delicacy by the English people, and are boiled when young and tender.

### Pole or Running Varieties

**Cultural Directions:** Do not plant until the soil is warm and dry in spring. Six to ten seeds should be planted two inches deep around the base of poles set firmly in the ground three to four feet apart each way. Thin to three or four plants to the hill after danger of insects is past.

#### KENTUCKY WONDER, OR OLD HOMESTEAD POLE

The finest and most popular of the pole beans. It is early and very prolific, with long, attractive green pods of the most excellent quality. The vines are vigorous, climbing well, very productive and bear pods in large clusters.

#### GOLDEN POD KENTUCKY WAX

Very similar to the green podded Kentucky Wonder except that the pods are a little broader and are of a golden yellow color. Very fleshy, stringless and of excellent quality.

#### SCARLET RUNNER

Very ornamental, bearing a profusion of bright scarlet flowers. The pods when young, are of fine quality.

#### LAZY WIFE POLE

Very popular, and one of the best of the late green podded pole beans. The pods are six inches long, broad, thick, fleshy and stringless. The dry beans are white.

**LONDON HORTICULTURAL, OR  
SPECKLED CRANBERRY**

One of the best of the Horticultural varieties as a late green shell bean. Many prefer this to the limas. The beans are large, ovate, flesh colored, splashed with red.

**ASPARAGUS BEAN (New)**

Considered by many to be superior in every way to any other green pole bean. Stringless and tender as asparagus.

**OREGON POLE LIMA**

The only bean of its kind that will thrive in our cool climate; at their best when the full green pods begin to turn yellow.

**DICKENSON'S YOUNT  
(Tacoma Wonder)**

Bears a heavy crop of very long purple striped pods of delicious flavor. Packet, 15c.; lb. 50c.

**BEETS**

**Cultural Directions:** The seed should be sown very early in spring and at intervals of about two weeks. The soil should be thoroughly prepared and finely pulverized and to make a quick growth should be made very rich with commercial fertilizer. One ounce of seed is sufficient for fifty feet of drill; five to six pounds for an acre. Packet, 10c; oz., 15c; ¼-lb., 35c; 1-lb., \$1.00. Except where priced otherwise.

**EARLY MARKET GARDENER**

This extra early beet is remarkable for its fine quality and rapid growth; it is of deep red color and handsome shape; as an early market sort it is unrivaled. It is to a large extent superseding the Egyptian, being earlier in development, more attractive in appearance and of superior quality for the table, holding its color and cooking quickly. Market gardeners prefer it as it matures evenly, stands a long time and does not split. Packet, 10c; oz., 20c; ¼-lb., 45c; lb., \$1.25.

**CRIMSON GLOBE**

This is unquestionably the finest early beet, and those who have grown it will have no other. It is of medium size, about three inches in diameter, very nearly globular, with a smooth, even surface. The flesh is deep crimson, ringed and zoned, and is rich, sweet and tender.

**CROSBY'S EGYPTIAN**

A splendid extra early beet, an improvement over the old Extra Early Egyptian, being larger and of better quality. The tops are small. The roots are flattened globe shape, smooth and of bright red color. The flesh is deep red zoned with a lighter shade, and is of fine quality.

**EXTRA EARLY EGYPTIAN**

Considered the best variety for forcing. The tops are small, the roots very dark red, small, flattened on the bottom, tender and sweet.

**EARLY BLOOD TURNIP**

Roots dark red and nearly round, slightly flattened. Flesh deep red zoned with lighter shade; sweet, crisp and tender. An excellent sort for summer and fall use.

**EARLY ECLIPSE**

An early beet, especially desirable for the home garden. The roots are bright red, smooth, round or slightly top-shaped, with small tap root and small collar. The flesh is bright red zoned with pinkish white, and is very sweet, crisp and tender when young.

**DETROIT DARK RED TURNIP**

A choice variety of early turnip beet. Medium size, nearly globular in form and of deep red color. Very uniform in shape and color. Popular for canning, also excellent for both market and home use. Packet, 10c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**HALF LONG BLOOD**

The best variety for winter and spring use and to slice for pickles. It is half-long. The flesh is of deep, rich red color and is sweet and tender.

**BROCCOLI**

**Cultural Directions:** Broccoli closely resembles cauliflower, but is hardier, later, not so large, and is coarser. It is used as a winter cauliflower, being marketed in winter and early spring. The climate of the Northwest is especially adapted to its growth. Culture is the same as for cauliflower.

**SNOWDRIFT**

A new and exceedingly fine variety. The heads are large and white, and the quality is unexcelled. Perfectly hardy, and will thrive in our climate. Packet, 10c; oz., \$1.00.

**ST. VALENTINE**

A splendid new strain of white Broccoli. It is a sure header; the heads are large, solid, white and handsome; and they remain in good condition longer than other varieties. It is ready for market in February. Packet, 10c; oz., \$1.75.

**EARLY LARGE WHITE FRENCH**

The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of good quality. Packet, 10c; oz., \$1.00.

**BRUSSELS SPROUTS**

**Cultural Directions:** Belong to the cabbage and cauliflower family, and the culture is similar. The edible portion is the small heads, less than two inches in diameter, which form the stalk at each leaf joint. They are very hardy, and in this climate may be left in the garden all winter, the sprouts being removed as wanted for use. The side leaves should be broken off in the fall to give the sprouts room to grow.

**ODESSE MARKET BRUSSELS SPROUTS**

An improved Danish variety. An abundant producer, of nice shape and excellent quality. Is very hardy and an excellent variety in every respect. Packet, 10c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.15.

**DWARF IMPROVED BRUSSELS SPROUTS**

A dwarf variety, very hardy and producing compact, round sprouts of large size and good quality. Packet, 10c; oz., 30c;  $\frac{1}{4}$ -lb., 90c.

**CAULIFLOWER**

**Cultural Directions:** The culture is practically the same as for cabbage except that they require a little more care and more fertilizer and water.

**"EUREKA" EARLY SNOWBALL**

The seed that produces those handsome, large, white solid heads that bring big profits to the gardener. We offer Eureka Cauliflower seed with confidence, it having been carefully selected by one of the expert cauliflower growers, and is the best strain of "Early Snowball" obtainable. We recommend "Eureka" Snowball for either early or late planting. Packet, 25c;  $\frac{1}{4}$ -oz., 85c; oz., \$2.25;  $\frac{1}{4}$ -lb., \$7.00.

**DANISH EARLY SNOWBALL**

A Danish strain of Snowball Cauliflower of superior quality. Packet, 15c;  $\frac{1}{4}$ -oz., 70c;  $\frac{1}{2}$ -oz., \$1.25.

**AUTUMN GIANT**

A late sort, with a long stem and an abundance of dark green leaves. The heads are very large, white, firm and compact, and remain a long time fit for use. Packet, 10c;  $\frac{1}{4}$ -oz., 35c;  $\frac{1}{2}$ -oz., 65c.

**DANISH GIANT OR DRY WEATHER**

A medium early variety especially adapted for growing in dry localities. A sure header, white, solid and of good quality. Packet, 15c;  $\frac{1}{4}$ -oz., 75c.

**CABBAGE**

**Cultural Directions:** Cabbage requires a very rich, thoroughly tilled soil. A heavy loam is most suitable. For early cabbage the seed should be sown in hotbeds in February or in cold frames in September. The plants should be properly thinned, transplanted and hardened off.

**COPENHAGEN MARKET**

The earliest large, round headed cabbage, very large, very early and short stemmed; compact, with few outer leaves and are vigorous. One of the best for either home or market. Packet, 10c; oz., 35c;  $\frac{1}{4}$ -lb., \$1.00.

**DANISH BALLHEAD**

A fine and justly popular late cabbage. It is the hardest of all cabbages, the best for shipping, and in great demand by commercial growers. The plants are vigorous and compact, with stem of medium length. The heads are of medium size, round and exceptionally solid. Packet, 10c; oz., 40c;  $\frac{1}{4}$ -lb., \$1.00.

**EARLY JERSEY WAKEFIELD**

This has long been the standard early cabbage. It is one of the earliest and is a sure header. The heads are of medium size, uniformly pointed, very solid and of good quality. Packet, 10c; oz., 30c;  $\frac{1}{4}$ -lb., \$1.00.

**EARLY WINNIGSTADT**

Not quite so early as Early Jersey Wakefield, but similar in shape and size. An excellent early variety for home or market. Packet, 10c; oz., 30c;  $\frac{1}{4}$ -lb., \$1.00.

**EARLY DWARF FLAT DUTCH**

A good second early variety. Short stemmed, upright, compact, with few outer leaves. The heads are rather large, nearly round, flattened; firm and very solid. Good for home or market. Packet, 10c; oz., 30c;  $\frac{1}{4}$ -lb., \$1.00.

**LATE FLAT DUTCH**

A fine old standard variety. The plants are short stemmed, with spreading outer leaves. The heads are very large, flat, solid, and of fine quality. It is late, and a good keeper and shipper. Packet, 10c; oz., 30c; ¼-lb., \$1.00.

**LARGE LATE DRUMHEAD**

A popular late cabbage for commercial growth and shipping. The heads are very large and solid; flattened. Packet, 10c; oz., 30c; ¼-lb., \$1.00.

**RED ROCK**

The largest and surest heading red cabbage. It is late, large, round, very solid and of attractive deep red color. Packet, 10c; oz., 30c; ¼-lb., \$1.00.

**AMERICAN DRUMHEAD SAVOY**

Best of the main crop or late Savoy cabbages. The plants are vigorous, with rather short stem, and are very sure heading. The leaves are fleshy and are densely and uniformly crumpled. The heads are large, nearly round, fairly solid, sweet and tender. Packet, 10c; oz., 35c; ¼-lb., \$1.00.

**CHINESE CABBAGE****Pe-Tsai—Celery Cabbage**

The plant forms heads much like Cos Lettuce. Packet, 10c; oz., 40c.

**CARROTS**

**Cultural Directions:** Like other root crops, carrots do best in a rich sandy loam, well tilled. For early crop the seed should be sown very early in the spring, but for later crops it may be sown any time before the middle of June. Sow in drills about 16 inches apart, one-half inch deep, and thin the plants to about three inches apart. The seed is slow to germinate.

**NEW CORELESS**

Introduced a few years ago, the best half-long carrot, excellent shape, little or no core, very fine flavor; try it this season. Packet, 10c; oz., 15c; ¼-lb., 35c; lb., \$1.25.

**CHANTENAY**

An excellent medium early half-long variety; one of the best in quality, and very productive. The roots are about six inches long, stump rooted, slightly tapering, smooth, and deep orange in color. The flesh is very crisp and tender. Packet, 10c; oz., 15c; ¼-lb., 30c; lb., \$1.00.

**IMPROVED LONG ORANGE**

A long intermediate or late variety, often twelve inches in length and three inches in diameter at the crown, tapering to a point. Excellent for table use when young. Very productive, and in demand for a stock carrot. Packet, 10c; oz., 15c; ¼-lb., 30c; lb., \$1.00.

**EARLY SCARLET HORN,  
OR SHORT HORN**

A very early variety, used for forcing and early outdoor culture. The roots are reddish orange, and when forced quickly in

very rich soil are very nearly round, but longer when grown outdoors. Should be used before fully grown, while young and tender. Packet, 10c; oz., 20c; ¼-lb., 40c; lb., \$1.00.

**DANVERS HALF-LONG**

The most popular and generally grown variety for both home and market. It is also a favorite for stock feeding, for although it does not yield so heavily as the larger varieties, it is richer and of much better quality. Stump rooted, six to eight inches long, deep orange in color, tender and of good quality. Packet, 10c; oz., 15c; ¼-lb., 30c; lb., \$1.00.

**OXHEART, OR GUERANDE**

A very thick, blunt carrot growing five to six inches long; a heavy yielder and used for both table and stock. The flesh is bright orange, fine grained and sweet. Packet, 10c; oz., 15c; ¼-lb., 30c; lb., 85c.

**LARGE WHITE BELGIAN STOCK**

A very large and productive white stock carrot, growing mostly above ground. Not suitable for table use, but splendid for stock food. Packet, 10c; oz., 15c; ¼-lb., 25c; lb., 75c.

**YELLOW GIANT STOCK**

A new Australian variety, wonderfully productive and easy of culture. Does best on heavy soils. The shoulders stand well out of the ground, making them easy to harvest. Bright yellow in color, and in great favor with butter-makers. Packet, 10c; oz., 15c; ¼-lb., 30c; lb., 85c.



## CELERY

**Cultural Directions:** Celery does best in muck land, but can be grown in any good, moist garden soil. When ready to set outdoors, transplant six inches apart in bottom of trenches three feet apart and six inches deep. When nearly full grown they may be blanched by banking earth against them or by placing boards on edge on both sides of the rows.

### GOLDEN SELF-BLANCHING

The standard variety for early use, most generally grown by market gardeners and for home use. The plants are of medium size, compact and stocky, with yellowish green foliage. The stalks are crisp, ten-

der, free from strings and have a delightful nutty flavor. Packet, 15c; oz., 70c;  $\frac{1}{4}$ -lb., \$1.75.

### WHITE PLUME

A handsome, very early variety. As the plants mature the inner stems and leaves turn white and require to be blanched but a short time before they are ready for use. Packet, 10c; oz., 30c;  $\frac{1}{4}$ -lb., 90c.

### GIANT PASCAL

A very large, green leaved, late variety, popular for late fall and winter use. It blanches a beautiful light yellow, and is solid, crisp and of good flavor. Packet, 10c; oz., 25c;  $\frac{1}{4}$ -lb., 90c.

## SWEET CORN

**Cultural Directions:** Our cool climate is not very favorable for growing corn, and to be successful it must be given every advantage possible. The soil should be light, warm and rich, preferably sloping to the south. Corn is very sensitive to frost, and it should not be planted until danger of frost is past. Do not plant too close. Postage additional. Packet, 10c; 1-lb., 30c; 10 lbs., \$2.50.

### GOLDEN BANTAM

Golden Bantam is one of the newer varieties, and has become the most popular sweet corn grown. There is no other variety to compare with it in sweetness or flavor. It is early; the stalks are sturdy and grow four to five feet high. The ears are eight-rowed, six to seven inches long, and the kernels are large, exceptionally rich and sweet, and of beautiful golden color.

### GOLDEN WEST

A larger, taller and little later Golden Bantam, having a very fine, sweet flavor.

### PEEP O' DAY

The earliest variety grown. The ears grow about five inches long; the kernels are large, white and tender.

### EARLY WHITE CORY

A very early variety, each stalk usually bearing two ears six to seven inches long, with sweet, tender and delicious milky white kernels. Plants dwarf.

### EARLY MINNESOTA

An old standard second early sweet corn of good size and excellent quality.

### STOWELL'S EVERGREEN

Remarkable for remaining a long time in a fresh condition suitable for the table. Hardy and productive and the best late variety for general use.

## CUCUMBER

**Cultural Directions:** Cucumbers require a warm, rich, sandy loam soil. For early cucumbers the plants may be started in boxes or pots in a hotbed or in the house. They should not be set outdoors until the weather is warm and settled.

Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 50c; lb., \$1.50.

### DAVIS PERFECT

A very early, handsome and well shaped cucumber, bringing fancy prices in the market, and often mistaken for hothouse grown. The long, even fruits are fine form, with an intensely dark, rich green skin. It has very few seeds, and the solid white flesh of the finest quality.

### LONG GREEN

Vines vigorous and productive. The fruits are very long, often twelve to fifteen inches when mature, slender and of beautiful dark green color. Excellent for both slicing and pickles.

### WHITE SPINE

One of the best for table use. The vines are vigorous, fruiting early and abundantly. The fruits are dark green, about seven inches long when mature, and the flesh is crisp, tender and of excellent quality.

### EARLY FRAME, OR SHORT GREEN

An early, medium sized, bright green variety, popular for the home garden for both pickling and slicing. The vines are vigorous and productive, the flesh crisp and tender.

**BOSTON PICKLING**

A very productive variety, extensively grown for pickles. The fruits are of medium size, bright green, smooth and symmetrical.

**CHICAGO PICKLING**

Improved type and grown by many large growers for the market.

**GHERKIN**

A very small, oval, prickly fruited sort, quite distinct from all others, and grown exclusively for pickles.

**ENDIVE**

**Cultural Directions:** Grown mostly for fall and winter use for salads, garnishing, greens, and for flavoring soups and stews. For early use sow the seed about the middle of April, for late use sow in June or July, in drills about eighteen inches apart. When nearly full grown, tie the outer leaves together over the center to blanch the heart of the plant.

Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 45c.

**BROAD LEAVED BATAVIAN (Escarolle)**

Has broad, twisted leaves. The inner leaves form a head which blanches beautifully and is crisp and tender.

**WHITE CURLED**

Very light yellowish green; crisp and tender.

**GREEN CURLED**

The hardest variety. Blanches creamy white. Long standing.

**HERB SEEDS**

Anise, Balm, Basil (sweet), Caraway, Catnip, Coriander, Dill, Horehound, Lavender, Peppermint, Sage, Summer Savory, Sweet Marjoram, Thyme. Packet, 10c.

**KALE**

**Cultural Directions:** Kale is used for greens and for garnishing during the winter and spring, and is so hardy that in this locality may be used from the garden at almost any time during the winter.

**DWARF GREEN CURLED**

The plant is dwarf, with bright green leaves finely curled. Very hardy. Packet, 10c; oz., 20c;  $\frac{1}{4}$ -lb., 60c.

**TALL GREEN CURLED SCOTCH**

Grows about three feet high, with long plume-like light green leaves, deeply cut and finely curled at the edges. Very hardy. Packet, 10c; oz., 20c;  $\frac{1}{4}$ -lb., 60c.

**THOUSAND HEAD**

One of the most important and valuable crops on the Pacific Coast, as it supplies green food for poultry, cows and hogs during the winter. In this locality it is left in the ground all winter, and cut or the lower leaves pulled off as wanted for feeding, and is seldom damaged. Packet, 10c; oz., 15c; lb., 60c.

**KOHL RABI****EARLY WHITE VIENNA**

The most popular sort. Very early, medium size, nearly white. Packet, 10c; oz., 25c.

**EARLY PURPLE VIENNA**

Very early. Bulbs of medium size; purple. Flesh white. Desirable for forcing and early outdoor culture. Packet, 10c; oz., 25c.

**LEEK****LARGE AMERICAN FLAG**

The most popular variety; strong growing, broad leaved, hardy and productive. The stems are very large, thick and of sweet flavor when properly blanched. A favorite with market gardeners. Packet, 10c; oz., 30c.

**LETTUCE**

**Cultural Directions:** Lettuce thrives in ordinary rich garden soil, but to be crisp and tender it must be grown quickly and for that reason liberal quantities of nitrogenous fertilizers should be used. Light applications of nitrate of soda during the early growing season will assist wonderfully. For outdoor culture the seed should be sown very early in spring, sowing early and late varieties or sowing at intervals of about 2 weeks for succession. Seed should be covered very lightly in rows twelve to sixteen inches apart. The plants should be covered very lightly in rows twelve to sixteen inches apart. The plants should be thinned to about four inches apart, and as they begin to crowd each other they should be further thinned by using alternate plants. The head varieties, especially, require plenty of room for development. Lettuce requires plenty of moisture, will go to seed as soon as the soil becomes dry, and does not thrive during the hot, dry summer.

**NEW YORK HEAD**

This has recently become the most popular head lettuce, and deservedly so. It is extremely large, and is a sure header under all ordinary conditions. It thrives in all climates and seasons and is unequalled for growing during the summer months. The heads are fairly solid, blanch creamy white, and are crisp, tender and delicious. Packet, 10c; oz., 25c;  $\frac{1}{4}$ -lb., 70c; 1-lb., \$2.00.

**IMPROVED HANSON HEAD**

This has long been a favorite late summer lettuce. The plant is compact and forms a large cabbage-like head which remains in condition longer than most heading sorts. The outer leaves are bright yellowish green, broad, crumpled and frilled. The head is tight and the inner leaves are curled, white, crisp and sweet. Packet, 10c; oz., 20c;  $\frac{1}{4}$ -lb., 50c; 1-lb., \$1.75.

**MAY KING**

An extremely early head lettuce, forming solid little heads, the inner leaves of which blanch rich golden yellow; very tender and buttery. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 45c; 1-lb., \$1.50.

**BIG BOSTON**

Very popular with market gardeners, both for forcing and outdoor culture. Heads very large. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 50c; 1-lb., \$1.75.

**PRIZEHEAD**

An old favorite non-heading variety. The leaves are bright green tinged with red at the edges; curled, crisp, tender and sweet. Not a good shipper, but fine for the home garden. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 45c; 1-lb., \$1.50.

**GRAND RAPIDS**

A favorite greenhouse forcing variety; quick growing, hardy and not liable to rot. The plant forms a loose cluster of large, thin, bright green leaves, savoyed and crimped at edges. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 55c; 1-lb., \$1.70.

**BLACK SEEDED SIMPSON**

A large, loose, clustering, curly, thin leaved bunching variety, used both for outdoor culture and for forcing under glass. The leaves are ruffled and blistered and even the large outer ones are very tender. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 45c; 1-lb., \$1.50.

**EARLY CURLED SIMPSON**

The plant forms a large, dense cluster of broad, blistered and crumpled leaves; light green, crisp and sweet. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 45c; 1-lb., \$1.50.

**SILVER COS**

The Cos or Romaine lettuce deserves to be more generally grown for home use. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 45c; 1-lb., \$1.50.

**MUSTARD****SOUTHERN GIANT CURLED**

Large, light green leaves tinged with yellow, crimped and frilled at edges; hardy and of good quality. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; 1-lb., 90c.

**WHITE ENGLISH**

Comparatively small, dark green leaves, deeply cut. Mild and tender when young. Seed large and light yellow. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; 1-lb., 90c.

**ONIONS**

**Cultural Directions:** Onions require a very rich soil in a perfect state of cultivation. Sow the seeds thinly, one-half inch deep, in rows twelve to sixteen inches apart. Thin the plants to two inches apart and later thin to three to four inches. Cultivate frequently and thoroughly. Weeds in the rows must be removed by hand. One ounce of seed to one hundred feet of drill; three pounds per acre.

**AILSA CRAIG**

It is one of the largest onions grown, often weighing two pounds. The skin is dark straw color; the flesh pure white; tender and very mild. Packet, 20c; oz., 40c; lb., \$4.00.

**PRIZETAKER**

A popular variety; very large, globe shaped. It is a heavy yielder and good keeper, making it a good market variety. The skin is light yellow and the flesh white and mild. Packet, 10c; oz., 30c; lb., \$2.75.

**YELLOW GLOBE DANVERS**

The most generally grown main crop onion for both home and market. It is of medium size; the skin is yellow and the flesh is creamy, white, mild and of excellent flavor. The bulbs are globe shaped, with small neck, and ripen evenly. It is a good keeper and excellent shipper. Packet, 10c; oz., 30c; lb., \$2.50.

**LARGE RED WETHERSFIELD**

The most popular red onion. Very large, flattened, and of purplish red color. The flesh is white and of good flavor; firm, and a good keeper and shipper. Packet, 10c; oz., 30c; lb., \$2.50.

**WHITE PORTUGAL**

A standard medium early white onion. The bulb is flattened on the bottom; skin clear white; flesh firm and of mild flavor. It is a great favorite for both mature onions and green onions, also for white onion sets. Packet, 10c; oz., 30c; lb., \$3.25.

**AUSTRALIAN BROWN**

An early and very hardy brown onion of medium size. Nearly round, with thick, rich brown skin, and a good keeper. The flesh is white, crisp, solid and of mild flavor. Packet, 10c; oz., 25c; lb., \$2.50.

**WHITE QUEEN**

A very early white onion used for pickling and for green onions. As used for pickling the bulbs are very small and nearly round; if allowed to mature they are about two inches in diameter and are flattened. The flesh is mild and of fine flavor. Packet, 10c; oz., 40c; lb., \$3.25.

**SOUTHPORT WHITE GLOBE**

A very handsome, pure white, globular shaped onion of good size. The flesh is firm, fine grained and mild. It is much grown for green onions on account of the pure white color. Packet, 10c; oz., 30c; lb., \$3.25.

**ONION SETS**—Llb., 15c; 5 lbs., 65c. Postage additional. Ask for prices on larger quantities.

**PARSLEY****EXTRA TRIPLE CURLED**

Very finely curled and of beautiful dark green color. The plant is dwarf. Packet, 10c; oz., 15c; ¼-lb., 40c.

**CHAMPION MOSS CURLED**

A very attractive and popular variety. The plant is vigorous, compact, handsome and excellent for garnishing and flavoring. The leaves are very finely cut and so closely curled as to resemble bunches of moss. Packet, 10c; oz., 15c; ¼-lb., 40c.

**PARSNIP****HOLLOW CROWN**

The most popular variety for both table and stock feeding. The roots are long, with smooth, white skin, uniform in shape, tender and of the best quality. Packet, 10c; oz., 15c; lb., 90c.

**PUMPKIN**

**Cultural Directions:** The seed should not be planted until danger of frost is past in spring.

**SUGAR OR SWEET PIE**

Small, but very sweet, fine grained and of the best quality. Unequalled for pies. Packet, 10c; oz., 15c; lb., \$1.00.

**GARDEN PEAS (Hand Picked)**

**Cultural Directions:** For early peas sow very early in spring; they are sometimes sown in fall. The seed should be sown one to two inches apart in rows two to three feet apart, covering two to three inches deep; deeper when sown in fall. For succession, sow at intervals of about two weeks until the middle of June. The tall varieties must be supported by stakes, brush or a trellis of some kind. One pound of seed is sufficient for about eighty feet of drill. Packet, 10c; ½-lb., 15c; lb., 30c; 10 lbs., \$2.75. Except where otherwise priced.

**SUTTON'S SUPER-PEA****The V. C. New**

The largest podded pea ever placed in commerce. Contains 12 or 13 peas of superior delicious flavor, pods measuring 6 to 8 inches in length. (Stock limited.) Packets only, 25c each.

**TALL TELEPHONE**

The standard late variety with market gardeners. The vines grow five to six feet high and produce immense crops of very large pods filled with large, sweet, tender peas of fine quality.

**GRADUS**

One of the very best early, wrinkled peas; very nearly as early as the small, smooth, extra early varieties, and equal to the late varieties in quality. The vines grow about three feet high, are hard, vigorous and very productive.

**LAXTONIAN**

An exceptionally fine early wrinkled pea, growing about two feet high. Very similar to Blue Bantam. Large pods, of finest quality. Nothing quite as good in a very early pea.

**ALASKA**

A very early, smooth, round, medium sized pea, maturing its crop all at one time, and for that reason a favorite with canners. Vines grow about two and one-half feet high.

**BLUE BANTAM**

A new, early dwarf pea, bearing an abundance of long, deep green pods well filled with large, sweet, tender peas of good quality.

**AMERICAN WONDER**

A very early, dwarf, wrinkled variety. The vines grow only about one foot high and produce a good crop of well filled pods of medium size. The peas are large, sweet, tender and well flavored.

**DWARF TELEPHONE**

A popular late, dwarf pea, growing about two feet high and producing a good crop of good sized wrinkled peas of fine quality.

**PREMIUM GEM**

An improvement over Little Gem; earlier and larger. Bears a long time and stays tender longer than most peas.

**IMPROVED STRATEGEM**

One of the best of the large podded semi-dwarf main crop varieties. The vines are about two and one-half feet high. The pods are large and are uniformly filled with very large, dark green peas of fine quality.

**LITTLE MARVEL**

The vines average 14 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average two and one-half inches and are square at the ends, well filled with six or seven large, deep green peas.

**MELTING SUGAR EDIBLE POD**

The pods are used when half grown and cooked in the same way as snap beans. The pods are very large, and when young are stringless, very tender and finely flavored. The plants grow four to five feet high. Packet, 10c;  $\frac{1}{4}$ -lb., 30c; lb., 50c.

**RADISH**

**Cultural Directions:** Radishes do best on a rich, light soil, and should be grown quickly to make them crisp and tender. A light application of nitrate of soda will do wonders in this respect. Sow the seed very early in spring, one-half inches deep, in drills twelve to sixteen inches apart. Sow at intervals of one to two weeks for succession. Thin plants to about two inches apart. Seed for winter radishes should be sown in August or September.

Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**ICICLE**

The finest and earliest long white radish. The roots when mature are five to six inches long and about one-half inch in diameter. It is of beautiful, transparent white color, is extremely crisp and brittle, and remains tender for a long time.

**CRIMSON GIANT**

A splendid early, round, red radish; very early and growing twice the size of other early varieties without becoming pithy or tough. It is of the finest quality and remains in condition a remarkably long time.

**EARLY SCARLET TURNIP**

A small, early red, round radish, popular with market gardeners for early planting outdoors. It is of very quick growth and the flesh is white, crisp and tender.

**EARLY SCARLET TURNIP  
WHITE TIPPED**

A very early and a great favorite for forcing and early outdoor culture. The color is a beautiful bright scarlet with the lower quarter white. Very attractive and of good quality.

**FRENCH BREAKFAST**

A quick growing, small, olive-shaped radish. It is a favorite for the home garden, and the small tops make it desirable for growing under glass. The color is deep rose-scarlet except a little white at the tip.

**EARLY LONG SCARLET**

A standard and excellent variety for either the home garden or market. The tops are short. The roots are smooth, slender, uniform in shape and are a very attractive bright carmine-red color. They are crisp and tender until fully matured, when they are about six inches long.

**LONG BRIGHTEST SCARLET  
WHITE TIPPED**

The brightest and handsomest of scarlet radishes. It is very early and is used for either garden culture or forcing. The tip is pure white. It is of fine quality and remains in good condition until fully grown.

**CHINA ROSE WINTER**

A winter radish growing four to five inches long, one and one-half inches in diameter, and larger at the bottom. The skin is bright rose color. The flesh is white, firm, crisp and tender.

**SALSIFY, OR OYSTER  
PLANT**

**Cultural Directions:** Culture is the same as for parsnips.

**MAMMOTH SANDWICH ISLAND**

A very desirable winter vegetable. Packet 10c; oz., 25c;  $\frac{1}{4}$ -lb., 75c.

**SWISS CHARD  
(GIANT LUCULLUS)**

Delicious green vegetable; used like spinach; grown like beets. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.00.

**SQUASH**

**Cultural Directions:** Do not plant the seed until weather is settled and warm. Prepare the hills by mixing with the soil a generous amount of well rotted stable manure or commercial fertilizer.

**BOSTON MARROW**

Shapped similar to Hubbard; color golden orange; fine for canning for winter use, cooked as a vegetable or in pie. Packet, 10c; oz., 15c;  $\frac{1}{4}$ -lb., 35c; lb., \$1.00.

**DELICIOUS**

Has the finest flavor of any squash; ob-long shape, deep green skin and thin rind; seed cavity small. One of the best winter keepers; weighs from 5 to 10 lbs.; is in its prime during the early winter; one of the very best. Packet, 10c; oz., 20c;  $\frac{1}{4}$ -lb., 60c; lb., \$2.00.

**GOLDEN HUBBARD**

Used extensively for pie, but served as a vegetable; it is very dry, tender and delicious; outside deep orange red. Packet, 10c; oz., 15c; ¼-lb., 35c; lb., \$1.00.

**HUBBARD (True)**

Fruits large, olive-shaped, with dark green skin and rich flesh; fine quality; excellent keeper. Packet, 10c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**VEGETABLE MARROW**

A long, greenish white variety; fine for cooking; sweet and tender. A favorite squash with the English people. Packet, 10c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**MAMMOTH CHILI**

The largest of all squashes, growing to an enormous size, often weighing over 200 pounds, while its rich, fine flavored flesh insures its value for all purposes. Packet, 10c; oz., 20c; ¼-lb., 40c; lb., \$1.25.

**COCOZELLE OR ITALIAN**

This is a bush variety with smooth fruits, dark green in color, striped deeper. Packet, 10c; oz., 20c; ¼-lb., 60c; lb., \$2.00.

**YELLOW SUMMER CROOK NECK**

Shaped like a club with a bent neck. The skin is very rough and warted, and of an orange yellow color. Packet, 10c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**MAMMOTH WHITE BUSH**

Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. Very early. Packet, 10c; oz., 15c; ¼-lb., 40c; lb., \$1.25.

**SPINACH**

**Cultural Directions:** The soil for spinach should be very rich. Sow the seed one-half inch deep in drills eighteen inches apart, and thin the young plants to four inches apart. For spring and early summer use sow the seed very early in spring; for winter use sow early in fall. One ounce of seed is sufficient for one hundred feet of drill; ten pounds for an acre.

**KING OF DENMARK (New)**

This variety introduces the most remarkable spinach ever produced, having very large, thick leaves of finest quality, and so slow to go to seed that it stands in fine condition three weeks to one month longer than any other variety before showing signs of seeding. Packet, 10c; oz., 15c; ¼-lb., 30c; lb., 80c.

Market gardeners, ask for prices on quantity.

**VICTORIA**

A very popular variety, fit for use nearly as early as any, and remaining in good condition much longer than most others. The plant is large and compact; the leaves very large and thick, dark green and

slightly crumpled in the center. Fine for spring sowing. Packet, 10c; oz., 15c; ¼-lb., 25c; lb., 70c;

**SAVOY LEAVED BLOOMSDALE**

A very early, hardy variety; one of the best for fall planting. The plant is of upright growth, with thick, glossy dark green, pointed leaves, crumpled or blistered. Tender and of fine quality. Packet, 10c; oz., 15c; ¼-lb., 25c; lb., 70c.

**LONG STANDING**

A comparatively late variety, but remaining a long time in condition for use. The plant is very large, with large, smooth, dark green leaves. Packet, 10c; oz., 15c; ¼-lb., 25c; lb., 70c.

**PRICKLY WINTER**

A late, hardy variety, usually sown in fall for winter use. Very long standing. Leaves of medium size, thick, and dark green. Packet, 10c; oz., 15c; ¼-lb., 25c; lb., 70c.

**TOMATO**

**Cultural Directions:** Plants should be started in a hotbed or in boxes or pots in the house in February or early March, and should not be set outdoors until the weather is settled and warm.

**CHALK'S EARLY JEWEL**

One of the best early tomatoes. The vines are vigorous and very productive. The fruits are large, nearly round, somewhat flattened, bright scarlet, and of fine quality. They ripen early and continue through a long season. Packet, 10c; oz., 40c; ¼-lb., \$1.35.

**SPARK'S EARLIANA**

Extremely early, and the standard tomato in the Northwest. The vines are small but vigorous and productive. The fruits are of good size, nearly round, and smoother than other early varieties. They are borne in clusters near the base of the plant. Packet, 10c; oz., 40c; ¼-lb., \$1.35.

**BONNY BEST**

Smooth, large and uniform fruit of good color and flavor; very fine forcing type. Packet, 10c; oz., 45c; ¼-lb., \$1.35.

**GOLDEN QUEEN**

A very early tomato of good size and fine quality. The fruits are bright golden-yellow, sometimes with a slight blush of red. They are smooth, well shaped, solid, and of fine flavor. Packet, 10c; oz., 50c; ¼-lb., \$1.50.

**DWARF CHAMPION**

The vines grow only about two feet high, are vigorous, upright and compact. It is a second early or main crop variety. The fruits are purplish pink, of medium size, smooth and of good quality. Packet, 10c; oz., 40c; ¼-lb., \$1.35.

**YELLOW PEAR**

Used for preserves and to make tomato figs. The fruits are very small, distinctly pear shaped, and the color is rich yellow. Packet, 10c; oz., 80c;  $\frac{1}{4}$ -lb., \$2.50.

**TURNIP**

**Cultural Directions:** For summer use sow seeds of the early varieties very early in the spring, one-half inch deep, in drills about eighteen inches apart. As soon as the plants are large enough thin them to about four inches apart. The soil should be very rich and preferably light. For winter use, seeds of the late varieties may be sown in July or as late as the last of August.

**EARLY SNOWBALL**

This is the finest early white turnip. It is very early; the bulbs are rather small, nearly globular, smooth, pure white, tender, sweet and delicious flavor. Packet, 10c; oz., 15c; lb., \$1.25.

**EARLY WHITE MILAN**

A remarkable early variety. The roots are flattened, clear white and smooth. The flesh is white, mild, sweet and tender. Packet, 10c; oz., 20c; lb., \$1.25.

**EARLY PURPLE TOP MILAN**

Similar to Early White Milan except they are flatter and an attractive purple-red on the upper portion. The flesh is white and of fine quality. Packet, 10c; oz., 20c; lb., \$1.25.

**PURPLE-TOP WHITE GLOBE**

An excellent table turnip of good size and globular form. The flesh is white, fine grained and tender. It is a good keeper, also used for stock feeding. Packet, 10c; oz., 15c; lb., 90c.

**PURPLE-TOP STRAP LEAF**

An old, early, flat turnip of medium size, used both for table and stock feeding. The flesh is white and of good quality. Packet, 10c; oz., 15c; lb., 75c.

**EARLY WHITE FLAT DUTCH**

An early, medium sized, flat white turnip of good quality. The flesh is very white, fine grained and sweet. Packet, 10c; oz., 15c; lb., 85c.

**WHITE EGG**

An early, white, smooth, oval or egg-shaped turnip, growing half out of the ground; fine grained and sweet. Packet, 10c; oz., 15c; lb., 75c.

**ORANGE JELLY OR GOLDEN BALL**

The most delicately flavored of the yellow fleshed turnips. It is of quick growth, and is adapted to either spring or fall sowing. It keeps exceptionally well, roots medium size, round, very smooth; skin deep yellow. The flesh is firm, crisp, of excellent quality. Packet, 10c; oz., 15c; lb., 75c.

**YELLOW ABERDEEN**

A late maturing, long keeping yellow turnip of medium to large size and globular form. The flesh is pale yellow, very firm, tender and sweet. Very productive and valuable for stock feeding. Packet, 10c; oz., 15c; lb., 75c.

**COW HORN, OR LONG WHITE**

This variety often grows a foot long and two and one-half inches in diameter. It is splendid for stock, and excellent for table use when young. Packet, 10c; oz., 15c; lb., 75c.

**RUTABAGA or****SWEDISH TURNIP**

**Cultural Directions:** The culture of rutabagas is practically the same as turnips.

**AMERICAN PURPLE-TOP IMPROVED**

Excellent for both table use and stock feeding. It grows very large, is uniform in shape, and is a splendid keeper. The flesh is a beautiful yellow color, fine grained, sweet and tender. Packet, 10c; oz., 15c; lb., 75c.

**YELLOW SWEDE**

Very hardy and a good keeper. The roots are large, oblong, dull reddish color above ground and yellow underneath. The flesh is of good quality. Packet, 10c; oz., 15c; lb., 75c.

**PEDIGREED SEED POTATOES (Certified)****TREATING POTATOES**

Good seed potatoes do not just happen, nor are they a matter of promiscuous pick-up; they are the result of being carefully selected and grown especially for seed purposes. Unless the seed is good, comparative failure is inevitable, but with well-bred stock and reasonable care success is assured. **Profit lies in Yield.** Profitable yields come only in two ways: **Good Seed; Good Bed.**

Due to certain skin diseases—such as Rhizoctina and Scab, which are apt to be present on even the most carefully grown seed stock—treating potatoes before planting with Corrosive Sublimate (Mercuric Chloride), which can be purchased at any drug store, is very essential. Rolling in Gypsum (Land Plaster) for cut seed is a valuable practice; and cut seed should be planted soon after cutting.

### PRICES SUBJECT TO MARKET CHANGES

**EARLIEST OF ALL**—Can be had ready for cooking 9 weeks after planting. Flat-tened round shape, few and shallow eyes and white skin; fine flavor and remarkably good keeper for an early variety. Positively the earliest. Certified. 10 lbs., 60c; 100 lbs., \$4.25.

**EARLY ROSE**—So well known description not necessary. You must see this variety, as we offer it true in every particular, free from disease, and very fine seed potatoes. U. S. No. 1 stock, not certified. 10 lbs., 60c; 100 lbs., 4.25.

**AMERICAN WONDER**—One of the best early main crop varieties. A great producer, large and uniform in size; tubers creamy colored, elongated and slightly compressed; exceptional quality seed stock. Certified. 10 lbs., 60c; 100 lbs., \$4.25.

**PRIDE OF MULTNOMAH**—Excels in yield and table quality; ideal type, flesh

snow white; introduced by Portland Seed Co. in 1909. From Oregon grown seed this variety holds record yield of 790 bushels prize acre, California, San Francisco Exposition, 1915. Certified. 10 lbs., 60c; 100 lbs., \$4.25.

**EARLY OHIO**—In small lots only. 10 lbs., 60c; 100 lbs., \$4.25.

**BURBANK**—A very profitable potato to grow; if in doubt, plant Burbanks. Fine shape, good flavor and color, select, true, heavy yielding strain, rogued to high standard of type and freedom of disease. Certified. 10 lbs., 60c; 100 lbs., \$5.00.

**NETTED GEM (Yakima Gems)**—A splendid main crop potato; elongated tubers, russet netted skin, fine yield; nothing better in flavor; rogued to the highest standard of seed potato requirements. Certified. 10 lbs., 60c; 100 lbs., \$4.25.

Other good seed potatoes (not certified) at market prices during planting season.

### We are Dealers In and Carry the Lines Listed Below

**MOE'S Incubators and Brooders**

**QUEEN Incubators and Brooders**

**GARDEN Hose and Lawn Mowers**

**GARDEN Tools and Appliances**

**POULTRY Foods and Supplies**

**POULTRY Remedies and Appliances**

**PRATT'S Red Mite Special**

**PRATT'S Remedies and Appliances**

**PRATT'S Poultry Disinfectant**

**LEE'S Lice Killer**

### SPRAYING MATERIALS (Cannot Be Mailed)

**REX LIME AND SULPHUR SOLUTION**—Clear, cherry-like solution; tests 30 to 32 degrees Baume. One gallon, 75c; 5 gals., \$2.40; barrel (50 gals.), \$13.00.

**DRY LIME-SULPHUR**—1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.50; 25 lbs., \$4.00; 100 lbs., \$12.00.

**ARSENATE OF LEAD**—½ lb., 25c; 1 lb., 45c; 4 lbs., \$1.35.

**BORDEAUX MIXTURE**—1 lb., 40c; 5 lbs., \$1.45; 25 lbs., \$6.00.

**FISH OIL SOAP**—20c per bar of 1 lb.

**PARIS GREEN**—¼ lb., 30c; ½ lb., 55c; 1 lb., 95c.

**2 WAY SPRAY**—Insecticide and Fungicide, for spraying apples, grapes, pears, sour cherries, egg plant, peppers and cucumbers. ½ lb., 25c; 1 lb., 45c.

**GARDEN GUARD**—Insecticide for the garden generally. Use as a dust. 1 lb., 35c.

# Snarol

An effective bait for control of snails, slugs, cutworms, earwigs, sow bugs, grasshoppers. 1 lb., 45c; 3 lbs., 85c.

**SEMESAN**—The new mercuric disinfectant for seed, plant and soil diseases. 2

ozs., 50c; 8 ozs., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50.

**"NICO-FUME" TOBACCO POWDER**—Tobacco powder impregnated with a high strength nicotine solution. Effective for fumigating in greenhouses to destroy Aphis, Thrips, etc. 1 lb., can, 1.25; 5 lb. can, \$4.75; 10 lb. can, \$8.50.

**NICO-FUME**—40% free nicotine, for fumigating and spraying in greenhouses. 4-lb. can, \$7.50; 8 lb. can, \$13.50.

**BLACKLEAF "40"**—Nicotine sulphate, 1-oz. bottle, 35c; ½-lb. can, \$1.25; 2-lb. can, \$3.25; 10-lb. can, \$11.85.

**M-G-K**  
QUALITY  
**EVERGREEN**  
NON-POISONOUS INSECTICIDE

**EVERGREEN ..... SPRAY**—Non-poisonous Insecticide. Kills plant insects, is both a contact and stomach poison to insects. Ask for booklet and chart. 1 oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, 2.00; 32-oz. bottle, \$3.85; 1 gal. bottle, \$13.00.





"CARCO"—The Root Maggot Spray. The best remedy on the market.  $\frac{1}{2}$ -pint can, 50c; pint can, 75c; 1-quart can, \$1.25.

(Also 1 gal. and 5 gal. cans.)

## SPRAYERS

These sprayers listed are manufactured by the E. C. Brown Company, Rochester, N. Y. They have devoted much time, money and careful study in making their sprayers durable, efficient and as mechanically simple and perfect as this class of appliance can be made. Express or postage additional.

### AUTO-SPRAY NO. 9



### Compressed Air Sprayer

**Specifications:** Diameter 7 inches; height, 2 feet; capacity,  $3\frac{1}{2}$  gallons. Equipped complete for spraying with 2 feet  $\frac{1}{2}$ -inch 5-ply hose, solid stream nozzle, fine spray nozzle and Auto-Pop and 2 foot extension.

Weight empty, 9 pounds; weight loaded, 36 pounds; weight packed for shipment, 10 pounds.

Galvanized Iron, each .....\$7.00  
Brass, each .....\$10.00

### AUTO-SPRAY NO. 5 Double Acting Hand Pump Sprayer

A high pressure yet light and durable sprayer, made entirely of brass. It is **DOUBLE ACTING**, producing a continuous spray, and will generate a pressure of 180 pounds per square inch. It operates with half the effort and must not be con-

fused with sprayers of similar design which are single acting.



**Specifications:** Length,  $27\frac{1}{2}$  inches. We furnish with this sprayer  $2\frac{1}{2}$  feet of  $\frac{1}{2}$ -inch suction hose, iron extension (with strainer attached) 18 inches long. Weight, 4 pounds; shipping weight, 5 pounds. Each \$5.00.

Galvanized iron knapsack for Autospray No. 5, \$3.50.

Shipping weight, Sprayer, 5 lbs.

Shipping weight, Knapsack, 7 lbs.



### AUTO-SPRAY NO. 50-D Compressed Air Sprayer

**Specifications:** Diameter, 7 inches; height, 18 inches; capacity  $2\frac{1}{2}$  gallons.

Galvanized Iron, each .....\$6.00  
Brass, each .....\$9.00

**DUSTER BROWN**

Duster Brown No. 2B, 1-pint, each .....\$1.00  
 Duster Brown No. 2C, 1-qt., each .....\$1.50

**AUTO-SPRAY NO. 6****Double Acting Bucket Pump**

A most powerful bucket pump, easily generates a pressure of 200 pounds. It is double acting, producing a continuous spray. Made of brass and is equipped with a brass suction strainer as well as a strainer in the nozzle.

**Specifications:** Length, over all, 26 inches; width, 8 inches. Equipment includes 3½ feet high pressure ¾-inch hose, malleable iron foot rest, brass fine spray and solid stream nozzle. Weight, 5 pounds. Shipping weight, 6 pounds.

Price .....\$5.00

**AUTO-SPRAY NO. 7**

A very practical pump, as it may be used with either barrel or bucket. Made almost entirely of brass, the air chamber and plunger tube are made of seamless brass tubing. The foot rest, top casting and handle are malleable iron. A jet of liquid under pressure furnishes the required agitation.

**Specifications:** Pump cylinder, seamless brass tubing, 12 inches long, 1½ inches diameter; air chamber seamless brass tubing 26 inches long, 1 inch diameter; hand lever, 18 inches long, malleable iron; top casting, used as barrel attachment, fulcrum for handle and guide for plunger, malleable iron. Foot rest malleable iron; clearance, 12 inches; hose, 3 feet ¾-inch 3-ply duck, guaranteed to stand 200 pounds pressure. Nozzle, brass, equipped with strainer screen.

Weight, 9 pounds; shipping weight 10 pounds. Price .....\$7.50

**AUTO-SPRAY NO. 22****Hand Atomizer**

Auto-Spray No. 22, 1-quart, all tin.

Price, each .....50c

**AUTO-SPRAY NO. 26****Continuous Atomizer**

The Best 1-quart Sprayer Made.

**Specifications:** Length, over all, 19 inches; length of pump cylinder, 13½ inches, diameter of pump cylinder, 1½ inches; tank, 4 inches long, 4 inches diameter; capacity, 1 quart.

Auto-Spray No. 26A, 1-quart, all tin.

Price, each .....\$1.00

Auto-Spray No. 26C, 1-quart, all brass.

Price, each .....\$1.50

Auto-Spray No. 26F, 2-quart, all brass.

Price, each .....\$2.25

## Spencer Sweet Peas

**Culture:** First and most important, plant as early in the spring as the conditions will permit. Seeds should be sown at the rate of one ounce to 15 feet. Make a trench about 3 to 4 inches deep, planting the seeds in the bottom about 1 inch apart, pressing the soil down firmly. After the plants are well up, thin to 4 or 5 inches apart, and draw the soil around them until the trench is filled above the level. This gives a depth to the roots, preserving the moisture. Keep the ground well worked and water if need, an occasional thorough soaking being better than a daily sprinkling. Keep the flowers cut close and a pruning of the tips of the vines will also aid in prolonging the season of bloom and insuring better flowers. Plant the new varieties for finest flowers and colors.

### BURPEE'S AND C. C. MORSE & CO.'S NEW VARIETIES AND NOVELTIES FOR 1929

**Ruffled Rose (Burpee)**—Larger than Fluffy Ruffles, rich shade of rose, sheen of salmon.

**Ambassador (Burpee)**—Clear, deep rose pink, background of deep primrose.

**Gleam (Burpee)**—Bright geranium pink, the bunch effect is exquisite cherry pink.

**Winnie Morse (Morse)**—The largest and most beautiful sweet pea introduced by Morse, duplexed and frilled. Color cream ground and flushed pink.

**Kitty Pierce (Morse)**—Soft lilac and blush pink, frilled. Distinct new shade.

**Reflection (Morse)**—The bluest of the blue, large size and waved, clear and beautiful.

**Carnival (Morse)**—Rich bright pink on rose ground. A gay and charming flower.

**Spring song (Morse)**—This flower has more real life than any other pink, wavy and frilled.

All above varieties packet 25c (packets only)

## THE LIST BELOW ARE NEW OF RECENT INTRODUCTION

- Superior Pink (Morse)**—Is a distinct and new shade of rose pink with just a shade of a cast of salmon which enhances its value greatly under artificial light. Pkt. 20c.
- Fluffy Ruffles (Burpee)**—A lovely ruffled rich rose pink, salmon and bright cream, making an exquisite blend of cream-pink. Pkt. 20c.
- Adorable (Burpee)**—A delightful shade of clear salmon-cerise on a cream ground with a suspicion of bronze. Pkt. 20c.
- Happiness (Burpee)**—A fascinating, refined flower, coral pink, cream, salmon, and lemon. Pkt., 20c.
- Brilliant Rose (Burpee)**—Award of merit the Scottish National Sweet Pea Society 1926. Glowing bright tyrian rose, with a scintillating suffusion of bronze rose. Pkt. 20c.
- Olympia (Morse)**—Lovely rich purple. Pkt. 20c.
- Royal Mauve (Morse)**—Beautiful clear mauve. Pkt. 20c.
- Gladness (Burpee)**—Soft coral-pink, better described as geranium-pink; entirely new color. Pkt. 15c.
- Royal Blue (Burpee)**—Brilliant rich blue, a royal blue, the brightest of all dark blues beyond any doubt. Pkt. 15c.
- Campfire**—The brightest scarlet ever offered. Pkt. 15c.
- Mary Pickford**—A dainty cream-pink with faint suffusion of salmon. Pkt. 15c.
- Superior Mixture Spencer Sweet Peas**, of the new and better named varieties. Pkt., 15c; oz., 50c; ¼-lb., \$1.45; lb., \$3.00.

## SPENCER SWEET PEAS

SELECT LIST OF FINE STANDARD  
SPENCER SWEET PEAS  
PINK SHADES

- Enchantress**—Clear deep pink. Pkt., 10c.
- Hawlmarmk Pink**—Clear salmon pink. Pkt., 10c.
- Sunset**—Beautiful soft rich rose, golden yellow sheen. Pkt., 10c.
- Pink Profusion**—Bright sparkling shade of rich pink. Pkt., 15c.
- Miss California**—Orange Salmon and cream pink. Pkt., 15c.
- Hawlmarmk**—Salmon pink. Pkt., 10c.
- Hercules**—A magnificent soft rose pink. Very large. Pkt., 10c.
- La France**—Light shrimp pink. Pkt., 10c.

## RED AND CRIMSON SHADES

- Crimson King**—Rich deep crimson.
- Fiery Cross**—This variety a fiery red; has the appearance in the light of glowing like living fire.
- King Edward Spencer**—Rich crimson-scarlet; large open form; waved flowers of the largest size.
- Vermillion Brilliant**—The most brilliant non-fading scarlet Spencer yet produced. Pkt., 10c.
- Royal Scott**—Glowing scarlet-cerise. Pkt., 10c.
- Early Aviator**—Bright Scarlet. Pkt., 15c.
- Grenadier**—Dazzling scarlet. Pkt., 15c.

## WHITE, PASTEL and LIGHT SHADES

- Snowstorm**—Pure white, of immense size. Pkt., 15c.

- Early Canary Bird**—Rich deep cream or primrose colored self. Flowers very large and beautifully waved; three or four on a stem. Pkt., 15c.

- Daffodil**—Large, very deep primrose. Pkt., 10c.

- Youth**—White edged with a delicate soft rose pink. Pkt., 10c.

- Dobbie's Cream**—Deep primrose self.

- Elfrida Pearson**—Blush pink, deepening toward the edges. Pkt., 10c.

- Margaret Atlee**—Rich glowing pink on cream ground. The flowers are of large size, beautifully frilled or waved. Pkt., 10c.

- King White**—Glistening, immaculate. Pkt., 10c.

## LAVENDERS, BLUE AND PURPLES

- Early Blue Jacket**—Rich, dark navy blue self. Extremely free-flowering. Usually produced in fours. Pkt., 10c.

- Wedgewood**—A clear azure blue. Pkt., 10c.

- Sapphire**—Best blue Sweet Pea; bright Delphinium blue. Pkt., 15c.

- Burpee's Improved Orchid**—Warmer shade of Cattleya lavender. Pkt., 10c.

- Austin Frederick Improved**—Large pure lavender. Pkt., 10c.

- Heavenly Blue**—Delphinium blue. Pkt., 15c.

- Blue Bird**—Real blue. Pkt., 10c.

- Lavender King**—Deep clear lavender. Pkt., 15c.

**Asta Ohn**—One of the best lavender Spencers; an exquisite rosy-lavender; flowers large and well waved. Pkt., 10c.

**Florence Nightingale**—Large lavender with pinkish sheen. Pkt., 10c.

**Floradale Purple**—Warm, rich shade rosy purple. Pkt., 10c.

**Hawimark Maroon**—Best maroon. Pkt., 10c.

**Orchid**—Lavender, suffused with pink. Pkt., 10c.

**Royal Purple**—True, rich royal purple. Non-fading. Pkt., 10c.

#### SALMON and ORANGE

**Dazzler**—Rich orange and rosy salmon. Pkt., 10c.

**Glitters**—Bright fiery orange. Pkt., 10c.

**Fordhook Orange**—Glorious shade of deep rich salmon suffused with bright orange; wonderful and new shade. Pkt., 15c.

**Burpee's Orange**—Clear orange. One of the best of its color. Pkt., 15c.

**Orange King (New)**—Glowing intense orange. Pkt., 15c.

**Barbara**—Bright salmon rose. Pkt., 10c.

**Illuminator**—Salmon orange overlaid with pink. Pkt., 10c.

**Tangerine**—Improved, orange. Pkt., 10c.

**Choice Mixture of Standard Spencer Sweet**

Peas—Pkt., 10c; 1 oz., 25c; ¼-lb., 75c; 1 lb., \$2.25.

## FLOWER SEEDS New and Novelties

(All flower seeds 10c per packet unless otherwise priced)

MARKED: PERENNIALS (P), ANNUAL (A), BI-ENNIALS (B)

### NEW AND UNUSUAL FLOWER SEEDS

**ANEMONE COR. ST. BRIGID (P)**—Extra double choice mixture from a splendid strain. Pkt., 15c.

**ANTIRRHINUM MAX. NEW GIANT FLOWERED (AB)**—Entirely new and distinct from anything produced in Antirrhinums so far. Flower of extraordinary size, plants should be staked. Pkt., 15c.

**Apple Blossom**—Giant flowered. Pkt., 15c.

**Gotelind**—Giant flowered, bright orange. Pkt. 15c.

**Golden Queen**—Giant flowered, beautiful bright golden yellow. Pkt., 15c.

**Defiance**—Giant flowered, old gold. Pkt., 15c.

**The Rose**—Giant Flowered, beautiful pink of immense size. Pkt., 15c.

**Copper King**—Giant flowered, coppery scarlet, turning pure copper. Pkt., 15c.

**Wallflower**—Giant flowered, rich mahogany red. Pkt., 15c.

**Mixed Colors** of above and others. Pkt., 15c.

**ASTER, Single—Marshall Joffre**—Brilliant scarlet. Pkt., 10c.

**ANTIRRHINUM (A) Hunt's Geneva Pink**—A novelty of recent introduction; a beautiful bright rose pink; plants produce abundance long dense spikes of flowers. Pkt., 15c.

**CHRYSANthemUM (A) Indicum**—New early flowering double and semi-double. Splendid mixed colors; bloom 5 months from sowing. Pkt., 20c.

**DELPHINIUM**—New Hollyhock Strain, densely flowered; all colors mixed. Pkt., 20c.

**FORGET-ME-NOT (New (B) Triumph)**—Very early, blooms 10 weeks after sowing, fine rich blue. Pkt., 15c.

**FORGET-ME-NOT (Novelty) (B) Marga Sacher**—Deep sky blue; flowers almost ½ inch diameter. Pkt., 50c.

**SALVIA SPLENDENS (A) Sluis Bros. Primus**—Blooms 4 weeks earlier than Bonfire; very free dwarf habit, bright vermillion scarlet. Pkt., 20c.

**VERBENA HYBRIDA COLOSSEA**—Double the size of any Verbena ever offered before, bright rose and bright rose with white eye. Pkt., 25c.

## FLOWER SEEDS General List

### ASTERS (A)

Our Aster seed is grown for us by John Bodger & Sons Co., Los Angeles, who are specialists in growing Asters and pre-eminent in their field.

These beautiful flowers are being grown more each year as the types improve. We especially call your attention to our listing. These represent the cream of the Aster family.

#### CALIFORNIA GIANTS

The largest and finest type of Aster. Beauty type's vigor, non-lateral and better than Crego. Light blue, deep rose, peach blossom, light purple, dark purple, white, and mixed color. Pkt., 20c.

**Crego, Improved**—Too well known to need description. White, pink, crimson, azure blue, lavender, deep rose, purple, lavender pink, shell and Cattleya and mixed colors.

**Heart of France**—Rich dark red.

**Lavender Gem**—Silvery white, changing to light lavender.

**Moreton Pink**—Comet type; a beautiful shade of flesh or Malmaison pink.

**New Fancy Yellow**—Pkt., 15c.

**Everlasting Flesh (New)**—Can be dried for winter bouquets.

**California Giants (Single)**—Rose, light blue, purple, delicate flesh, mixed colors. Pkt., 20c.

**Late Beauty Type**—Comes in bloom when mid-season asters are past their best. Peach blossom, rose, September Beauty. Pkt., 10c.

### ZINNIAS (A)

Our Zinnia seed is also grown for us by the John Bodger & Sons Co. Their Zinnia flowers have received highest awards in many parts of the world.

The Giant Dahlia-Flowered and Double Giant Zinnias are easily grown under even adverse conditions, producing a wealth of beauty and unusual shades of color; flowers of immense size.

#### GIANT DAHLIA-FLOWERED

**Exquisite**—Light rose, center deep rose.

**Golden State**—Rich orange yellow.

**Crimson Monarch**—Largest and best of red shades.

**Scarlet Flame**—Beautiful bright scarlet.

**Meteor**—Rich, glowing, deep red.

**Old Rose**—A real old rose shade; a beautiful flower.

**Purple Prince**—Fine deep purple.

**Buttercup**—Deep creamy yellow.

**Oriole**—Immense orange and gold; a beauty.

**Dream**—A fine deep lavender, a new shade.

**Illumination**—A striking self color of deep or Tyrian rose.

**Giant Attraction**—A distinct shade of brick red.

#### GOLD MEDAL MIXTURE

All Above Varieties, Each Variety or the Mixture, Pkt., 20c.

#### DOUBLE GIANTS

**Crimson**—Best red.

**Shrimp Pink**—Unusual shade.

**Purple**—Distinct color.

**Bright Rose**—

**Apricot Orange**—

**Deep Salmon Rose**—

**Scarlet**—

**Special Mixture**—Of purest. Pkt., 10c, any kind Double Giants.

**Golden Pheasant (Picotee Type)**—Very new; gold ground tipped with maroon.

**Giant Mammoth**—A very fine type mixed colors only. Pkt., 10c.

### NASTURTIUMS (A)

Tall Varieties of the best types and colors. Pkt., 10c; oz., 20c; 4 ozs., 50c.

Dwarf Varieties of the best types and colors. Pkt., 10c; oz., 20c; 4 ozs., 50c.

### PANSIES (B)

#### STEELE'S

The Finest Pansy Seed That Can Be Obtained

Pansies like cool weather, and the best way to grow them in the north is to start them in the late summer and carry the plants over the winter in a cold frame. The plants will then come into flower with the first tulips.

**Mastodon Miracle**—Mixed. Pkt., 25c.

**Beaconsfield**—Dark blue. Pkt., 20c.

**Mlle. Irene**—Henna red. Pkt., 20c.

**Meteor**—Wine red. Pkt., 20c.

**Adonis**—Light blue. Pkt., 20c.

**Orchida**—Orchid shades. Pkt., 20c.

**Mad. Pirret**—Rose and red. Pkt., 20c.

**Bronze Mastodon**—Pkt., 20c.

**Mme. Isabelle**—Ruffled bronze (new). Pkt. 20c.

**Panama Pacific**—Yellow. Pkt., 20c.

**Sluis Bros. Special Giant Flowered**—Unsurpassed. Mixed colors. Pkt., 20c.

**Good Mixture**—Pkt., 10c.

### PETUNIAS (A)

For freedom of bloom and length of flowering season, the Petunia is unsurpassed as a bedding or window box plant. **Rosy Morn**—Very free flowering. Finest

- single mixed. Pkt., 15c.  
**Balcony Type**—Mixed. Pkt., 15c.  
**Grandiflora**—Single fringed, mixed. Pkt., 20c.  
**Giants of California (Ruffled)**—Very large, deeply fringed. Mixed. Pkt., 25c.  
**Double Giants**—Finest doubles, mixed. Pkt., 35c.  
**Special Mixed Hybrids**—Pkt., 15c.  
**Elk's Pride**—Elks' purple. Very fine. Pkt., 25c.

## POPPIES (A)

All Packets 10c.

- SHIRLEY**—American Legion; brilliant orange, scarlet, rose pink, and blue shades.  
**CALIFORNIA**—  
 Chrome Queen  
 Mauve Beauty  
 Rosy Queene  
 Scarlet Beauty  
 The Geisha  
**Hybrida Grandiflora Mixed.**  
 Golden West  
 Orange Flame  
 Vesuvius—Wallflower red.  
 Alba—White.  
 Aurantiaca—Best Orange.  
 Fringed Yellow  
 Purple Glow  
 Thorburnii—Coppery orange.  
 Carmine King  
 Mikado—Orange crimson.  
**OTHER TYPES**—  
 Oriental Poppy—Perennial, large flowered.  
 Flanders Poppy (True)  
 Plume Poppy (Bocconia)  
 Iceland Poppy (Nudicale)—Perennial  
 Tulip Poppy (Glaucum)—Red.  
 Alpine Poppy—Brilliant colors, 6 inches. Pkt., 15c.  
 Oriental, Princess Louise—Salmon.

## SNAPDRAGONS (B)

**Antirrhinum**—Biennials

- Tall Varieties**—Silver pink, yellow, scarlet, garnet (pure garnet color), rose, Golden King, Snowflake, and mixed. Above King (finest yellow), Purple King, salmon pink, Delicata (rose pink), coral red, dark rose, peachblow, Copper King, Snowflake, and mixed. Above varieties, pkt., 10c.  
**Semi-Dwarf Varieties**—Rose Dore (deep rose), Golden Queen, Fawn, Nelrose (rose), Tom Thumb Roseum, Purity, Silver Pink and mixed, pkt., 10c.  
**ACONITUM NAPELLUS**—Blue Monkshood. Pkt., 10c.  
**ACROLINIUM (Everlasting)** — Grows about 15 inches high; white or rosy pink flowers; when cut in bud state can be

dried and used for winter bouquets. Sow early in sheltered location and transplant to permanent bed. Mixed. Pkt., 10c.

- AGERATUM (Mexicanum)**—For borders and bedding; covered with feathery blossoms all summer; sow in early spring in boxes to transplant or sow out of doors and thin to 4 to 6 inches. One foot tall. Dark blue. Pkt., 10c.  
**Blue Star**—Dwarf miniature blue.

- AGROSTEMMA (P) (Atro-Sanguinea)**—Foliage silvery white, blossom crimson, resembling single pinks. Strikingly beautiful for beds, ribbons and borders. Sow where plants are to remain and thin to prevent crowding. Height, 2 feet. Perennial. Pkt., 10c.

- ACHILLEA-PEARL**—Pure white, double. Pkt., 15c.

- ALYSSUM (P) (Saxatile)**—Showy, yellow flowers, blooms first season if sown early indoors. Fine for borders. Height, 6 to 12 inches. Pkt., 10c.

- ALYSSUM (A)**—A dainty white flower, for borders, edging and rockwork. In borders, sow thickly so as to form masses. Height, 4 to 10 inches. Sow in spring or late August. **Maritimum.** Sweet. Pkt., 10c; oz., 40c.

- Lilac Queen; Little Gem.** Pkt., 10c; oz., 75c.

- Procumbens**—Of training habit; profuse bloomer. Pkt., 10c; oz., 75c.

- ANEMONE (P) Double Chrysanthemum** flowered. Pkt., 10c.

- St. Brigid's Strain (Double and Single)**—A beautiful strain of Anemone, worthy of a place in every garden; easily grown from seed. Height, 1 foot. Pkt., 15c.

- Anemone Fulgens**—A general favorite, which grows freely from seed. Flowers large, dazzling scarlet with black center; blooms from February to April. Height, 9 inches.

- ANCHUSA (P) (Italica) (Dropmore)**—Flowers a beautiful gentian blue color. Pkt., 10c.

- AMARANTHUS (A)**—Handsome foliage and interesting flowers, 2 to 5 feet. Sow early and transplant.

- Caudatus**—Graceful drooping flowers. Pkt. 10c.

- Tri-Color, or Joseph's Coat**—Foliage scarlet, yellow and green. Pkt., 10c.

- ARCTOTIS GRANDIS (African Daisy) (A)**—Plants form bushes about two feet across with deeply cut foliage, and daisy-like flowers often 2½ inches in diameter, color of a lilac tinge. Pkt., 10c; oz., 50c.

- AUBRETIA GRAECA** — Beautiful rock plant, dwarf blue. Perennial.  
**Deep Lavender**—

**Rich Rose—**

Large flowered hybrids, wide range of unusual colors. Pkt., 15c.

**ARABIS (P) (Rock Cress)**—One of the earliest and prettiest spring flowers for rockeries or edgings, withstands drought; pure white flowers. Sow in permanent location and thin to 6 inches. Height, 6 to 8 inches. **Alpina.** Pkt., 10c;  $\frac{1}{4}$ -oz., 30c.

**BACHELOR'S BUTTON (A) (Centaurea Cyanus, or Corn Flower)**—A hardy annual, easily cultivated. Striking and handsome. Sow in open ground early and transplant; 1 to 2 feet tall. **Double Blue Florist Strain.** Pkt., 10c; oz., 75c.

**BALLOON VINE (A)**—A rapid growing climber. Blossoms very small and white. Light, graceful foliage; bears curiously inflated seed pods. Sow in light warm soil; 10 to 12 feet tall. Pkt., 10c.

**BALSAM (A) ("Lady Slipper")** Handsome plants, producing masses of various colored flowers, half hardy. Curious seed pods, which when ripe will explode when touched. If sown in May should bloom from July until frost; 1 to  $1\frac{1}{2}$  feet tall. **Double Camelia Flowered**—Mixed. Pkt., 10c.

**BELLIS PERENNIS (P)**—Dwarf, double daisies. Mixed, white, pink. Pkt., 10c.

**BOLTONIA ASTEROIDES**—White perennial. Pkt., 10c.

**BLUE LACE FLOWER (A) (Didiscus)**—Plants grow about 18 inches in height and are covered with clusters of tiny petaled flowers, giving the effect of dainty lace. The color is an exquisite light blue. Pkt., 10c.

**CALENDULA (A) (Pot Marigold)**—The well-known Pot Marigold. Colors range through yellow, orange and gold; 1 to 2 feet tall. Plant in early spring in open ground. **Sulphur Crown.** Pkt., 10c; oz., 25c.

**Orange King**—Double. Pkt., 10c; oz., 50c.

**Lemon Queen**—Double. Pkt., 10c; oz., 35c.

**Bodger's Golden Forcing**—Pkt., 10c.; oz., 50c.

**Double Mixed**—Pkt., 10c; oz., 20c.

**CALLIOPSIS (A)**—Very showy and attractive, always covered with a mass of bright flowers, yellow, crimson and maroon. Sow where plants are to remain. In sunny situation will bloom all summer. Fine cut flowers; 1 to 2 feet tall.

**Yellow Brown.** Pkt., 10c.

**Golden Wave (Drummond)**—Pkt., 10c. **Tall Single Mixed.** Pkt., 10c.

**CANDYTUFT (A) (Iberis)**—One of the most highly prized annuals for beds or masses, very useful for cutting. Grow 1 to  $1\frac{1}{2}$  feet.

**Umbellata Type**—Carmine, flesh, pink, rose, cardinal, crimson, lavender, white, mixed. Pkt., 10c.

**Coronaria**—Giant White Hyacinth flowered. Pkt., 10c.

**Sempervirens**—Mixed. Pkt., 10c.

**Perennial Varieties**—Delicate pink (4 inches).

**Sempervirens**—Mixed (12 inches).

**CANTERBURY BELLS (B) (Campanula)**

—Very ornamental garden plant growing  $2\frac{1}{2}$  feet high, producing large, nodding and charming bell-shaped flowers of many exquisite shades; hardy biennial. Sow seeds in May; keep seedlings well watered and transplant to permanent location in July or August. Give rich soil and plenty of room.

**Medium Single**—Blue, rose, white or mixed. Pkt., 10c.

**Calycanthema (Cup and Saucer)**—White, pink, light blue or mixed. Pkt., 10c.

**Persicifolia (P)**—Very fine; blooms in June. Blue or white. Pkt., 15c.

**Pyramidalis (P)**—Stately, hardy plant for pot culture or garden. Blue or white. Pkt., 10c.

**CARDINAL CLIMBER (A)**—Considered the most beautiful and brilliant annual climber. A strong and rapid grower, with fern-like foliage literally covered with a blaze of circular cardinal red flowers from midsummer until frost. Pkt., 15c.

**CARNATION (P) (Dianthus Caryophyllus)**—Tender perennials. Colors pink, white and red. Sow seeds indoors in March. Transplant when 1 inch high. Keep them growing well until soil is warm, then transfer to open garden. Height,  $1\frac{1}{2}$  to 2 feet.

**Giants of Nice**—Strong and robust, very large flowers. Pkt., 20c.

**Sutton's Prize Border**—Mixed colors. Wonderful carnations from this strain. Pkt., 20c.

**Chabaud Everblooming**—Extra Choice **Double Mixed**—Flowers in five to six months. Pkt., 10c.

**Double Grenadin**—Very early; scarlet. White. Pkt., 10c.

**Marguerite**—Finest **Double Mixed**—Large flowered and comes into bloom early, producing flowers of many colors and beautiful markings; largely double. Pkt., 10c.

**CASTOR BEAN (A) (Ricinus)**—Tropical appearing foliage plant. Highly ornamental, of stately growth, large leaves of bronze or glossy green. Grows 3 to 5 feet tall. Best varieties, mixed. Pkt., 10c; oz., 25c.

- CATCHFLY (A) (Silene)**—A hardy annual, yielding a profusion of umbels of bright colored flowers in various shades of pink. Fine for border or rockery. Fine mixed. Pkt., 10c.
- CELOSIA CRISTATA (A) (Cockscomb)**—Very attractive and showy, producing massive heads of deeply colored flowers. Colors red, purple and yellow. Grows 9 to 12 inches tall.  
**Dwarf Fine Mixed**—Pkt., 10c.  
**Childsii (Chinese Wool Flower)**—A unique form of feathered flower growing 2 to 3 feet high, each branch terminated with a large head of rich crimson flowers that look as if made of silky wool. Valuable for cutting as they can be dried, retaining their bright colors for weeks. Dark pink, yellow and mixed colors. Pkt., 15c.
- CENTAUREA (A)**—Sweet scented flowers on long, strong stems. Will last several days when cut. Sow where plants are to remain. Grows 1 to 3 feet tall.  
**Imperials (Giant)**—White, purple, rose, deep lavender, and mixed. Pkt., 10c.  
**Suaveolens (Yellow Sweet Sultan)**—Pkt., 10c.  
**Candidissima (Dusty Miller)**—Pkt., 15c.
- CLEMATIS (P) (Paniculata)**—Pkt., 10c.
- CHRYSANTHEMUM (A)**—Very showy, effective and desirable as summer flowering plants. Hardy annuals. Grows 1 to 2 feet.  
**Carinatum Hybrida**—Finest double mixed. Pkt., 15c.  
**Carinatum (Single)**—Varieties fine mixed, contain a fine range of colors. Pkt., 10c.  
**Coronarum**—Double, finest mixed. Pkt., 10c; oz., 40c.  
**Perennial**—In colors. Sutton's early flowering dwarf mixed. Pkt., 15c.
- CLARKIA (A)**—Hardy annual of easy growth, produces a fine effect massed in beds, bright and attractive. Fine for cutting. Does well in shade. Sow early in open ground. Grows 1 to 2 feet tall. Appleblossom, Scarlet Queen, Salmon Queen, Purple Prince, Vesuvius. Pkt., 10c.  
**Carmine Queen**. Pkt., 10c.  
**Rosea**—Double rose. Pkt., 10c.  
**White Prince**—Pure double white. Pkt., 10c.  
**Queen Mary**—Rosy pink. Pkt., 10c.  
**Orange King**—Splendid. Pkt., 10c.  
**Finest Mixed**—Pkt., 10c.
- COBEA SCANDENS (A) (Plants in Season)**—A handsome, rapid growing climbing plant, having large, bell-shaped flowers, beautiful foliage and peculiarly delicate and curious tendrils. Purple. Pkt., 10c; ¼-oz., 25c.
- COLUMBINE (P) (Aquilegia)**—Universal favorite for hardy borders and beds. Single mixed. Pkt., 15c.  
**Double Mixed**—Pkt., 15c.  
**Long Spurred Hybrids**—Mrs. Scott Elliott's strain, extra large flower, sweet scented, long spurred and best range of color obtainable. Pkt., 25c; 1/16-oz., 50c.  
**Helenae**—Large flowered, intense blue, white center. Pkt., 15c.  
**Jaetschauti**—Yellow with red spurs. Pkt., 15c.  
**Rose Queen**—Rose. Pkt., 15c.  
**White Queen**—Pkt., 15c.  
**Skinnerii (True)**—Scarlet spurs, yellow green corolla. Pkt., 15c.
- COSMOS (A)**—Beautiful autumn blooming plants producing thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for summer and fall decorations.
- COSMOS**—Extra Early Mammoth Flowering—Crimson, pink, white, and finest mixed. Pkt., 10c.  
**Extra Early Double Crested**—Mixed. Pkt., 15c.
- COREOPSIS (P) (Lanceolata)**—Large showy, bright yellow flowers producing in great abundance from June until frost. Height, 1 to 2 feet. Pkt., 10c.
- CYPRESS VINE (A) (Ipomoea Quamoclit)**—Climber with rapid growth. Grows 10 to 15 feet. Scarlet or mixed. Pkt., 10c.
- DAHLIA (P)**—Will bloom first season.  
**Double Mixed**—Pkt., 15c.  
**Single Mixed**—Pkt., 10c.  
**Cactus**—Flowers odd and fantastic in shape; all colors. Pkt., 15c.  
**Finest Mixed**—Pkt., 15c.
- DELPHINIUMS (Perennial Larkspur)**—These profuse blooming plants, with their tall spikes of many colored flowers, present most striking effects when planted in groups. During the past year or two the culture of delphiniums has advanced tremendously, particularly here in the Pacific Northwest.  
**Belladonna**—Light blue. Pkt., 15c.  
**Bellamosum**—Dark blue. Pkt., 15c.  
**Queen Mary**—Lavender. Pkt., 15c.  
**Kelway Hybrids**—Pkt., 15c.  
**Gold Medal Hybrids**—Pkt., 25c.  
**Superb Mixture** from Wrexham, Ward and Pospel strains. Pkt., 25c.
- DIMORPHOTHECA AURANTIACA (A) (Orange African Daisy)**—Extremely showy annual with bushy plants 12 to 15 inches high; rich glossy orange gold, with dark disc and halo. Presenting a magnificent sight in full bloom. Pkt., 10c.



**DIGITALIS (B) (Fox Glove)**—A tall growing biennial with large leaves and spikes of vari-colored and spotted flowers. Fine for borders or background. Give rich soil and plenty of room. Height, 3 to 6 feet.

**Gloxinflora**—Mixed, purple, rose or white. Pkt., 10c.

**Giant Shirley**—Mixed; fine colors. Pkt., 10c.

**ECHINOPS (P) (Ritro)**—Steel blue, thistle-like flowers, everlasting. Pkt., 10c.

**FORGET-ME-NOT (P) (Myosotis)**—Beautiful spring favorites of easy growth.

**Blue Perfection**—Very large.

**Victoria**—Flowers large, bright azure blue; fine for borders. Pkt., 10c.

**Semperflorens**—Dwarf; continuous bloomer; blue. Pkt., 15c.

**FOUR O'CLOCK (A) (Mirabilis Jalapa)**  
**Marvel of Peru**—Easy culture, bearing a profusion of bright flowers of various shades. Choice mixed. Pkt., 10c; oz., 25c.

**GAILLARDIA (Blanket Flower)**—Very showy garden plant, with brilliant flowers; free blooming from early summer until autumn.

**Picta Lorenziana**—Double; finest mixed; annual. Pkt., 10c.

**Picta Single**—Finest mixed. Pkt., 10c.  
(P) **Grandiflora Maxima**—Pkt., 10c.

**GERANIUM (P)**—A half-hard perennial, easily and quickly grown from seed.

**Zonale**—Extra choice, single mixed; the well-known bedding Geranium. Pkt., 15c.

**Lady Washington (Pelargonium)**—Foliage green, flower large. Finest mixed. Pkt., 25c.

**GEUM (P) (Chiloense)**—Hardy, free-blooming plants. Fine for bouquets. Flowers crimson, double, blooms all summer. Height, 8 to 12 inches.

**Mrs. Bradshaw**—Scarlet. Pkt., 15c; ½-oz., 75c.

**Lady Stratheden**—Golden yellow. Pkt., 20c.

**GENTIANA (P) (Auculis)**—Blue gentian. Pkt., 10c.

**GODETIA (A)**—Profuse and constant bloomers, compact and bushy in growth. Colors rose, crimson, white and pink. Height 1 to 2 feet. Pkt., 10c.

#### Tall Varieties

**Duchess of Albany**—Pure white.

**Duke of York**—Rich scarlet.

**Fairy Queen**—White and crimson.

**Gloriosa**—Blood red.

**Double Mauve**—

**Double Rose**—

**Double Pink**—

**Double Rose Queen**—  
**Tall Varieties**—Mixed.

#### Dwarf Varieties

**Bridesmaid**—Rose and white.

**Daybreak**—Delicate rose.

**Rosamunde**—Rosy pink.

**White Pearl**—Pure white.

**Crimson Glow**—Dark crimson.

**Dwarf Hybrids**—Mixed

**GOURDS (A)**—Good climber. For covering verandas and trellis work; rapid growth, bearing fruits of curious shapes. Height, 10 to 12 feet. Mixed. Pkt., 10c; oz., 35c.

**GYPSOPHILA**—Easily raised from seed. Grows from 18 to 24 inches; flowers in great profusion.

**Baby's Breath**—A pretty, free-flowering plant. Fine for bouquets. Height 2 to 3 feet.

**Paniculata (P)**—Foliage fine; covered with tiny, pure white flowers. Hardy. Pkt., 10c; ¼-oz., 25c.

**Paniculata Fl. Pl. (P) (New)**—About 50% double. Pkt., 15c.

**Paniculata (Rosea)**—Pink. Pkt., 10c.

**Grandiflora Elegans**—White Paris Market. Pkt., 10c.

**HELICHRYSUM (A) (Straw Flower) (Monstrosum)**—Everlasting. One of the best for winter bouquets. Hardy annual. Colors red, yellow and white. Effective for bedding. Sow in open and transplant or thin to 12 inches.

**Double Mixed**—Pkt., 10c; ¼-oz., 25c.

**HELIANTHEMUM (P)**—Mutabile, sun rose, shrubby rock garden plant, perennial. Pkt., 10c.

**HELIANTHUS**—Sunflower. Double yellow. Single dwarf red. Pkt., 10c.

**HELIOTROPE**—**Mad. Bruant**—Velvet blue, white eye. Pkt., 10c.

**HELENIUM (Autumnale)**—Tall perennial, bearing spreading heads of yellow flowers. Pkt., 10c.

**HEUCHERA (P) (Sanguinea)**—Rock garden plant, dwarf, with spreading leaves and upright spikes of small red to crimson flowers. Pkt., 10c.

**HIBISCUS (A)**—Mallow. Giant flowered hybrids. Mixed. Pkt., 10c.

**HOLYHOCKS (New Annual) (Hybrida Semperflorens)**—This splendid variety will bloom in August, from spring planting, continuing until frost. This is a great advantage as other varieties do not bloom until the second year. Finest Single Mixed. Pkt., 10c.

**HOLYHOCKS (B)**—A great improvement over the old type, the flowers being larger and richer colored; for backgrounds there can be nothing better. Hardy. Should be sown in open from

- spring to mid-summer, transplanting in late fall. Give rich soil for best results. Five feet high.
- Chaters**—Superb strains. Double varieties, of greatest perfection. Scarlet, rose, Newport pink, maroon, yellow, white. Mixed. Pkt., 10c.
- Chater's Single**—Rose, yellow, mixed. Pkt., 10c.
- HUNNEMANNIA (P) (Giant Yellow Tulip Poppy, or Bush Eschscholtzia)**—Height, 2 to 3 feet.
- HYACINTH BEAN (A) (Dolichos Lablab)**—Rapid growing, ornamental climbing annual, bearing clusters of beautiful purple and white flowers, followed by highly ornamental seed pods. Mixed. Pkt., 15c.
- KOCHIA CHILDSH (A) (Summer Cypress)**—Forms symmetrical decorative bushes; foliage green, turning to fiery red in autumn. Sow in open and thin to 15 inches. Valuable for summer hedges. Height, 1 to 2 feet. Pkt., 10c; oz., 35c.
- KUDZU VINE (P) (Pueraria Thumbergiana)**—Beautiful Japan climber, hardy perennial with fragrant purplish-violet, wistaria-like flowers. Height, 10 to 12 feet. Pkt., 10c.
- LANTANA**—Dwarf, tender perennial; fine for rock gardens. Mixed. Pkt., 15c.
- LARKSPUR**—Annual, quite hardy; blooms in late summer. Height, 1 to 2 feet.
- Tall Double Stock Flowered**—Dark blue, bright blue, rose, lilac, flesh, white or finest mixed. Ageratum blue. Pkt. 10c.
- LATHYRUS**—Perennial peas. Red, pink white, mixed. Pkt., 15c.
- LINUM (Grandiflorum Rubrum) (Scarlet Flax)**—One of the most showy bedding plants, fine foliage, with brilliant scarlet-crimson flowers. Pkt., 10c.
- Perenne (P)**—Pearl blue flowers; graceful. Pkt., 10c.
- LOBELIA (P) (Cardinalis)**—Flowers rich red, dark green foliage. Usually blooms in May. Height, 6 to 12 inches. Pkt., 15c.
- LOBELIA**—Delicate, low-growing annual plants of the greatest value for borders, ribbons, edgings, rock work and hanging baskets. Height, 6 to 8 inches.
- Sapphire**—Deep blue with white eye; long, drooping flower stalks; grows rapidly; trailing. Pkt., 15c.
- Hamburgia**—Blue, trailing; beautiful for baskets. Pkt., 10c.
- Crystal Palace Compacta**—Dwarf flowers, very fine and rich, bright blue; finest for bedding and edging. Pkt., 10c.
- Goldese Compacta**—Golden foliage, dark blue flowers. Pkt., 10c.
- Emperor William**—Dwarf. Bright blue. Pkt., 10c.
- LUPINUS**—Hartwegi. Dark blue, light blue, rose, white, mixed, Texas blue bonnet, yellow. Pkt., 10c.
- LUPINUS (P)**—Shrubby plants, bearing long spikes of flowers. Colors white, bright pink, yellow, rose, rose and white. Downet's Hybrids Mxd. Pkt., 10c.
- LYCHNIS (P) (Rose Campion) (Jerusalem Cross)**—Brilliantly colored blossoms. Orange, scarlet and crimson. Hardy, 1 to 2 feet high. Mixed. Pkt., 15c.
- MARIGOLD (A) Tagetes**—A hardy plant in dwarf and tall varieties; foliage bright green and deeply cut. Flowers are various shades of yellow and brown. Height, 1 to 2½ feet.
- African**—Tall or Dwarf. Double Golden Ball, and Mixed. Pkt., 10c.
- French**—Dwarf or Tall. Double. Dark brown. Orange ball. Mixed. Pkt., 10c.
- Little Brownies (Legion d'Honneur)**—Dwarf Double Brownies. Pkt., 10c.
- MATRICARIA (Eximiana)**—Golden ball. Pkt., 15c.
- MIGNONETTE (A) (Reseda)**—A quick-growing fragrant annual. Produces the largest and finest spikes of blossoms during cool, moist weather of early spring and late fall months, but will flower freely throughout the summer from seed sown early in spring. Height, 1 foot.
- Odorata Grandiflora**—Large, well-formed, fragrant flowers. Pkt., 10c.
- Golden Queen**—Dense, dwarf growth; flower golden yellow; fragrant. Pkt., 10c.
- Allen's Defiance.**
- Goliath**—Red. Pkt., 10c.
- Golden Matchet**—Pkt., 10c.
- Golden Matchett Extra Select**—Pkt., 15c.
- MOON FLOWER (A) (Ipomea Mexicana Grandiflora)**—Rapid growing climber belonging to the "Morning Glory" family. At night and on cloudy days vine is covered with fragrant white flowers 4 to 5 inches in diameter. Pkt., 10c.
- MORNING GLORY (A)**—Rapid growing climbers of the easiest cultivation, attaining a height of 10 to 12 feet. Very fine for covering arbors, trellises, etc. The dwarf varieties flower very freely and do not require support.
- Convolvulus Major**—Tall, choice single; mixed all colors. Pkt., 10c; oz., 15c.
- Double Mixed**—Tall. Pkt., 10c.
- Convolvulus Minor**—Dwarf mixed. Pkt., 10c.
- Imperial Japanese Fringed**—These have very large fringed flowers in a great variety of the exquisite colorings; variegated foliage. Mixed. Pkt., 10c.

- NEMESIA Suttonii (A)**—A splendid border plant. The orchid-like flowers vary in color, blue, orange, rose, yellow and mixed. Pkt., 10c.
- NICOTIANA**—A very showy plant, producing star-shaped flowers of delicious perfume. Half hardy annual; 3 feet high.  
**Affinis**—White. Sweet scented. Pkt., 10c.  
**Crimson King**—Pkt., 10c.
- OENOTHERA (P) (Evening Primrose)**  
 ....—Elegant for growing in an exposed position or on rockery. Shades of yellow. Fine mixed. Pkt., 10c.
- PASSIFLORA**—Passion flower. Pkt., 10c.
- PENTSTEMON (P) (Beard Tongue)**—Brilliant bell-shaped flowers borne on long spikes, and produced abundantly all summer. Colors range through red, rose, cherry, carmine, pink and purple. Mixed. Pkt., 10c.
- PHYSOSTEGIA (Virginica Perennial)**—Bearing spikes of light pink heather-like flowers. Pkt., 10c.
- PHLOX DECUSSATA (P) (Perennial)**—Large, compact heads of bloom from mid-summer until fall. Height, 2 to 4 feet. Wide range of colors. Mixed. Pkt., 10c.
- PHLOX DRUMMONDI**—Annual, from white to the deepest scarlet and purple. One foot high.  
**Large Flowering**—Crimson, white, flesh, mixed. Pkt., 10c.
- PINKS (Dianthus) (A)**—Richest and most pleasing colors, and exquisite fragrance. Hardy, and perennial in warm climates.  
**Chinensis Type**—Single mixed. Pkt., 10c.  
**Double Mixed**—Pkt., 10c.  
**Clove-Scented**—Pkt., 10c.  
**Heddewigii Type**
- Fireball**—Double, deep scarlet. Pkt., 15c.  
**Salmon King**—Double, salmon. Pkt., 15c.  
**Snowball**—Double, white. Pkt., 10c.
- PORTULACA (A) (Rose Moss)**—Brilliant dwarf annuals, only 6 inches high, blooming profusely in early summer to autumn. Shades of red, yellow, pink, white, striped, etc.  
**Single Mixed**—Pkt., 10c.  
**Double Mixed**—Pkt., 10c.
- PRIMULA VULGARIS (P)**—English primrose, yellow. Pkt., 15c.  
**Polyanthus**—Gold laced, rich colors.  
**Auricula.**  
**Sutton's Brilliance**—Red and orange shades. Each, Pkt., 15c.  
**Obconica**—Indoors only. Pkt., 15c.
- PLATYCODON (P) (Grandiflora Mariesii)**—Pkt., 15c.
- PYRETHRUM (Painted Daisy)**—Perennials. Beautiful colors and very fine for cutting. Pkt., 10c.
- RUDBECKIA (P) (Golden Glow)**—Brilliant orange yellow petals around a large dark center. Height, 4 to 6 feet.  
**Bicolor**—Black-Eyed Susan. Pkt., 10c.
- SALPIGLOSSIS (A) (Painted Tongue)**—Showy, funnel-shaped flowers of large size. Half-hardy annuals.  
**Superbissima**—Finest mixed. Pkt., 10c.
- SALVIA (A) (Flowering Sage)**—Flowers borne in spikes of fiery red or crimson; blooms until severe frosts. Excellent for bedding or single planting. Hardy annuals.  
**Bonfire (Clara Bedman)**—One of the finest Salvias ever introduced; compact bush about 2 feet in height and diameter. Pkt., 15c.
- SAPONARIA OCYMOIDES (P)**—Very showy, hardy perennial rock plant, producing masses of small, bright rose flowers during the summer months. Pkt., 10c.
- SAXIFRAGE (P)**—Mossy sorts. Mixed. Highly colored varieties, invaluable for rockeries and edges of borders; perennial; 6 inches. Pkt., 15c.
- SCABIOSA (A) (Morning Bride)**—Annuals; white, carmine, lilac, maroon, etc. Blooms from early July until frost. Height, 2 to 2½ feet. Separate colors, double, mixed. Pkt., 10c.  
**Caucasica (Perennial)** Mixed. Pkt. 10c.
- SCHIZANTHUS (A) (Butterfly Flower)**—Beautifully fringed and delicately colored flowers so numerous as to hide the foliage. Height, 1 to 2 feet.  
**Rose and Amber Shades.** Pkt., 10c.  
**Dr. Badger's Large Flowering Hybrids.** Pkt., 10c.  
**Lilac, white, rose, scarlet.** Pkt., 10c.
- SOLANUM, Jerusalem. Cherry.** Pkt., 10c.
- STOCKS (A)**—These flowers are so highly fragrant and of such beauty they deserve a place in every garden.  
**Imperial Large Flowering Ten Weeks—Blood Red.** Pkt., 10c.  
**Dark Blue, Flesh, Pink, Lavender, Rose and choice mixed.** Pkt., 10c.  
**Early Branching Nice**—Crimson King, Rosy Mauve and Terra Cotta, bright red, peach blossom, Rose Queen, white and mixed. Pkt., 10c.  
**Dresden Perpetual, or Branching**—Popularly called "Cut and Come Again." They flower profusely from July until frost. Very fragrant.  
**Brompton, or Winter Stocks**—Bright carmine, Crimson King, White Lady. Each, Pkt., 15c.  
**Evening Scented Stock (Matthiola Bicornis)**—Old-fashioned annual which has no beauty to recommend it, but well

worth growing for its entrancing fragrance each evening. Pkt., 10c.

**STOKESIA CYANEA (P)**—Blue Stokes Aster. Pkt., 15c.

**SWEET WILLIAM (B)** (*Dianthus Barbatus*)—Free-flowering plant of brilliant colors, ranging from snow-white to darkest crimson. Height, 1 to 1½ feet.

**Pink Beauty**—Pink, single. Pkt., 10c.

**Scarlet Beauty**—Single. Pkt., 10c.

**Double Mixed**—Pkt., 10c.

**Single Mixed**—Very beautiful. Pkt., 10c.

**STATICE (P)** (*Sea Lavender*) For border or rockery; panicles of minute flowers, can be dried and used for winter bouquets. Blue, rose, bonduelli (yellow), *Latifolia*, blue, perennial, and mixed. Pkt., 10c.

**Pure White**—Double. Pkt., 10c.

**Double Mixed**—Pkt., 10c.

**Single Mixed**—Very beautiful. Pkt., 10c.

**THALICTRUM (Dipterocarpum) (P)**—Hardy perennial with graceful sprays of lavender and gold bell-like flowers. Pkt., 10c.

**THUNBERGIA (P)**—Finest mixed. Pkt., 10c.

**TRITOMA (P)** (*Red Hot Poker*) Bright showy flowers produced in large spikes of brilliant rich colors. Height, 2 to 3 feet.

**Uvaria**—Dazzling orange red. Pkt., 10c.

**VALERIANA (P)** (*Garden Heliotrope*)—Sweet scented flowers having red or white blooms produced in large heads. Height, 2 to 3 feet. Red. Pkt., 10c.

**VERBENA (A)**—Every garden should have a few plants of this favorite. Height, 8 to 12 inches.

**Mammoth Mixed**—Selected; extra large, fine. Pkt., 10c.

**Mayflower**—Pink. Pkt., 10c.

**Scarlet Lucifer**—Pkt., 10c.

**Pink Shades**—Pkt., 10c.

**VINCA (P)** (*Old Maid*)—Tender perennial. Fine for pot culture. Pink. Mixed Pkt., 10c.

**VISCARIS (P)** (*Candida*) White. Pkt., 10c.

**VIOLET (P)** Sweet, rich purple.

**WALLFLOWER (B)** (*Cheiranthus Cheri*)

—Spikes of beautiful exceedingly fragrant flowers. Colors, yellow, red, orange and brown. Half-hardy perennials. Height, 1 to 1½ feet.

**Single Mixed**—Large flowering. Pkt., 10c.

**Finest Tall Double Mixed**—Branching. Pkt., 10c.

**Paris Market**—Pkt., 10c.

**Golden Gem**—Pkt., 10c.

**Blood Red**—Pkt., 10c.

**XERANTHEMUM (A)**—Everlasting flowers. Mixed. Pkt., 10c.

## LAWN GRASS SEEDS

### "VELVET GREEN LAWN MIXTURE"

This is the best mixture of grasses to produce a fine lasting lawn quickly, it makes a rich velvety dark green solid turf, will stand the wear expected of a good lawn indefinitely if properly cared for. High grade clean seed only is used, mixed by ourselves and sold only under our own brand. We advise planting 1 lb. to each 150 square feet. 1 lb., 65c; 10 lbs., \$6.00; 50 lbs., \$27.50.

### LAWN MIXTURE (Where a first class lawn is not required)

1 lb., 35c; 10 lbs., \$3.25; 50 lbs., \$15.00.

### SPECIAL MIXTURES OF BENT GRASSES

Made up to your order according to positions and conditions. Prices on application.

This list of Lawn Grass Seeds represent the finest Grasses obtainable. We take greatest pains to secure the highest Purity and Germination Test Seeds.

**Blue Grass**—Fancy Kentucky (*Poa Pratensis*)—One of the best known and most popular, used very extensively. 65c lb.

**Creeping Bent, True** (*Seaside*) *Agrostis, Maritima*—A very fine grass, drought resisting; its creeping, rooting stems form a tough compact turf that is improved by tamping. 1 lb., \$1.75; 10 lbs., \$17.00.

**Creeping Bent** (Imported)—Makes a fine and beautiful lawn when planted alone or properly balanced with other fine grasses. 1 lb., \$1.25; 10 lbs., \$12.00.

**Rhode Island Bent**—Well adapted to our Coast conditions; very fine; makes a beautiful lawn. It also creeps or stolonizes, though not so freely as True Creeping Bent. 1 lb., \$1.50; 10 lbs., \$14.50.

**Fescue, Chewing's** (*Festuca Rubra*)—Fine, dwarf, makes a beautiful lawn, also drought resisting. Makes a real turf that will stand lots of tramping. 1 lb., 50c; 10 lbs., \$4.75.

## GLADIOLUS

The Gladiolus, as we know it today, easily takes a place in the front rank as one of the most useful and beautiful members of the floral kingdom. It is one of the most easily grown and universally adaptable of all flowers.

We offer a Gladiolus mixture of large size flowering bulbs, well balanced colors of beautiful varieties which will please those who like to grow the best.

Doz., 45c; 25 for 75c; 50 for \$1.20; 100 for \$2.00. Postpaid.

A list of named varieties of Gladiolus and Dahlias will be mailed on request.

**Red Top** (*Agrostis Palustris*) A good grass that does best on moist or even marshy ground. 1 lb., 35c; 10 lbs., \$3.25.

**Perennial Rye Grass** (*Lolium Perenne*) Quick growing, deep rooted, an excellent grass for lawn when used in a mixture. 1 lb., 25c; 10 lbs., \$2.25.

**Poa Trivialis**—The best grass for sowing under trees where a lawn is desired. 1 lb., \$1.00; 10 lbs., \$9.50.

**Crested Dogstail** (*Cynosurus Cristatus*) Short narrow leaves, a valuable lawn grass, especially on light land. 1 lb., 70c; 10 lbs., \$6.50.

**Special Lawn Mixture for Shady Places.** 1 lb., \$1.25; 10 lbs., \$11.50.

**White Dutch Clover** (*Trifolium Repens*) We carry the best grade only. 1 lb., 60c; 10 lbs., \$5.50.

Prices subject to change without notice.

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Fertilizer is an investment, not an expense, for when it is used it brings definite returns in dollars and cents in increased crops. It requires no more labor in this respect to grow a good crop than a poor one, and if you can increase the size and quality of your plants 25%, which is a small estimate, the cost of a sack of fertilizer on the back garden is completely lost sight of in the increased value of the crop. This applies to grass, flowers, fruit, or anything that grows.

**"PEP" FERTILIZER**—The best general food for any part of your garden. When they make a better one we will sell it;

ask your neighbor. 6-10-4. 2 lbs., 30c; 5 lbs., 50c; 10 lbs., 80c; 25 lbs., \$1.65; 50 lbs., \$2.75; 100 lbs., \$5.00.

# VIGORO

*Specially prepared plant food*

Scientifically balanced and complete, VIGORO is a specially prepared plant-food. It contains all of the elements necessary to grow richly colored flowers, velvety lawns, succulent vegetables, luxuriant shrubbery and healthy trees. 5 lbs., 60c; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$6.00.

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It contains NO FILLER, and has proven its value on thousands of farms, fields, gardens, lawns and orchards.

The quality of MORCROP IS GUARANTEED by the tag on the bag. Morcrop "K" 100 lbs., \$3.50; Morecrop "L" 100 lbs., \$3.75.

**PEP-O**—Well-balanced ration, orchard dress. 100 lbs., \$3.75.

**NUMBER 1 TANKAGE**—(Blood and Bone)—6-10. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.10; 100 lbs., \$3.75.

**SPECIAL TANKAGE**—(Blood and Bone) 4-10. 5 lbs., 25c; 10 lbs., 45c; 25 lbs., \$1.00; 100 lbs., \$3.50.

**FISH FERTILIZER**—6-10. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.35; 100 lbs., \$4.50.

**BONE MEAL**—(Raw)—5 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.10; 100 lbs., \$3.50.

**BONE MEAL**—(Steamed)—5 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.10; 100 lbs., \$3.50.

**SHEEP GUANO**—(Dry Ground)—100 lbs., \$1.50.

**NITRATE OF SODA**—5 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.75.

**MURIATE OF POTASH**—50% up actual potash. Per 100 lbs., \$3.75.

**SULPHATE OF POTASH**—50% up actual potash; no chlorine. Per 100 lbs., \$4.00.

**SUPER-PHOSPHATE**—17%—125-lb. bags, \$2.50 per 100 lbs.

**VEGETABLE AND FRUIT**—3-8-6 (Celery and Tomatoes)—100 lbs., 3.50.

**BERRY AND POTATO SPECIAL**—2-10-4—100 lbs., 3.25.

**HYDRATED LIME**—100 lbs., \$1.50.

**GYPSUM, OR LAND PLASTER (Pure)**—Very valuable in any situation. An active agent to other fertilizers; far superior to ordinary lime. Non-caustic. 100 lbs., \$1.50.

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